



No. 41

12 OCTOBER 2002



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Imagery and Mapping Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at
<http://pollux.nss.nima.mil/>



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Transportation), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NIMA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed via the NIMA Homepage (www.nima.mil) under the Safety of Navigation icon or directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nima.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nima.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nima.mil.

Mariners are requested to notify NIMA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

Cover Photo: The **USS ABRAHAM LINCOLN (CVN-72)** is America's fifth Nimitz class carrier and was named in honor of our nation's 16th President and the second ship to bear the name. She was built in Virginia by Newport News Shipbuilding and Drydock Co. at a cost of more than \$3.5 billion. Construction took nearly five years and more than 40 million manhours. A marvel of engineering, craftsmanship and technology she was christened on 13 February 1988 and was commissioned 11 November 1989. **USS ABRAHAM LINCOLN** is charged with supporting America's tactical air capability and maintaining open sea lanes. As it carries out this mission on the oceans of the world, Lincoln brings a message of peace through strength. The ship's logo, "shall not perish," comes from President Lincoln's own vision of our nation described in his famous Gettysburg Address: "...that the government of the people, by the people, for the people, shall not perish from the Earth". She is 1,092 feet in length, has a beam of 252 feet, a height of 206 feet, a full displacement of 104,112 tons and it's four main engines develop 260,000 SHP. She can carry 80+ tactical, combat and support aircraft including the F/A-18 Hornet, F-14 Tomcat, EA-6B Prowler, S-3B Viking, C-2A Greyhound, E-2C Hawkeye, SH-60F Seahawk and HH-60H Helicopter. She can accommodate 6,000+ sailors and 200 Officers. The Lincoln is homeported at Naval Station Everett, Washington.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 41/02

HYDROGRAM

**National Imagery and Mapping Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

12 October 2002

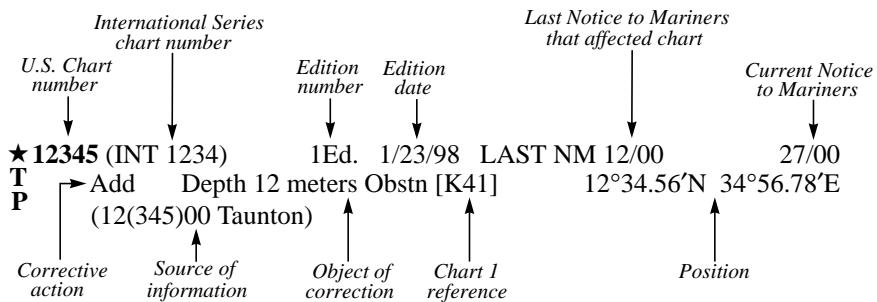
NEW EDITION OF SUMMARY OF CORRECTIONS

SUMMARY OF CORRECTIONS FOR THE WORLD AND OCEAN BASIN CHARTS, U.S. COAST PILOTS, SAILING DIRECTIONS, FLEET GUIDES AND OTHER PUBLICATIONS, VOLUME 5, 2002 EDITION, IS READY FOR ISSUE. SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter **M** immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter **M** is not a part of the chart number.
- The letter **N** preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NIMA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NIMA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NIMA List of Lights.

Section II-5 lists all NIMA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

NM 41/02

1117A	Ed. 4/6/02 LAST NM 40/02 Add Depth 7½ fathoms Obstn "Rep" [K41] (NTM0010/2002)	41/02 28°53.2'N 95°14.3'W	★14089 29Ed. 8/3/02 NEW EDITION (NIMA)	41/02
11300	38Ed. 4/6/02 LAST NM 40/02 Add Depth 7½ fathoms Obstn "Rep" [K41] (NTM0010/2002)	41/02 28°53.2'N 95°14.3'W	★14091 6Ed. 8/3/02 NEW EDITION (NIMA)	41/02
★11321	29Ed. 12/15/01 LAST NM 40/02 Add Depth 46 feet Obstn "Rep" [K41] (NTM0010/2002)	41/02 28°53'11"N 95°14'16"W	15562 Ed. 6/13/97 LAST NM N7/01 Delete RC (AERO) (7784)02 Ottawa	N41/02 68°45.0'N 101°51.2'W
11330	13Ed. 4/21/01 LAST NM 40/02 Add Depth 46 feet Obstn "Rep" [K41] (NTM0010/2002)	41/02 28°53.2'N 95°14.3'W	15880 Ed. 6/15/84 LAST NM N41/00 Delete R Bn (AERO) (7784)02 Ottawa	N41/02 68°45.0'N 101°51.8'W
11373	42Ed. 6/02 LAST NM 40/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	41/02	17005 10Ed. 5/27/95 LAST NM 11/02 Change Characteristic of light to Fl G 4s (Can LL)	41/02 50°00.0'N 127°27.0'W
11374	30Ed. 3/24/01 LAST NM 37/02 (Side B) Add Tabulation of controlling depths from Subsection I-2 (NOS)	41/02	17414 3Ed. 2/3/96 LAST NM 4/01 Add Dangerous submerged rock [K13] (73854)02 Ottawa	41/02 52°54'22"N 132°20'18"W
★11375	34Ed. 3/10/01 LAST NM 37/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	41/02	17543 17Ed. 10/29/94 LAST NM 13/02 Change Light to Fl G 4s 15m 9M HORN (Can LL)	41/02 50°00.0'N 127°27.0'W
13302	21Ed. 11/3/01 LAST NM 25/02 Relocate Buoy "4" from 44°01'30"N 68°41'07"W to 44°01'28"N 68°41'22"W (34/02 CG1)	41/02	★18649 62Ed. 8/11/01 LAST NM 38/02 Delete Heavy black line (pier) in vicinity Add Depth 38 feet Depth 7 feet (NOS)	41/02 37°47'05"N 122°23'13"W 37°49'43"N 122°24'46"W 37°47'06"N 122°23'09"W
★13303	11Ed. 7/6/91 LAST NM 25/02 Relocate Buoy "4" from 44°01'29"N 68°41'08"W to 44°01'28"N 68°41'22"W (34/02 CG1)	41/02	★18650 51Ed. 4/20/02 LAST NM 38/02 Delete Legend "RESTRICTED...A)" Depth 40 feet Depth 25 feet (NOS)	41/02 37°44'00"N 122°21'45"W 37°47'08"N 122°23'04"W 37°47'06"N 122°23'06"W
13305	28Ed. 5/5/01 LAST NM 40/02 Relocate Buoy "4" from 44°01'30"N 68°41'21"W to 44°01'28"N 68°41'22"W (34/02 CG1)	41/02	Double solid line (pier), land tint and legend "Pier 34" in vicinity Substitute Depth 9 feet for 24 feet Depth 8 feet for 15 feet Depth 11 feet for 24 feet Depth 14 feet for 28 feet (NOS)	37°47'05"N 122°23'11"W 37°47'03.7"N 122°23'08.5"W 37°47'03.9"N 122°23'14.3"W 37°47'07.4"N 122°23'13.9"W 37°47'07.5"N 122°23'10.5"W
13313	19Ed. 8/28/93 LAST NM 25/02 Relocate Buoy "4" from 44°01'30"N 68°41'09"W to 44°01'28"N 68°41'22"W (34/02 CG1)	41/02	Add Depth 38 feet Depth 4 feet Depth 7 feet Depth 15 feet Depth 21 feet (NOS)	37°49'43.1"N 122°24'45.6"W 37°47'05.5"N 122°23'14.5"W 37°47'05.5"N 122°23'08.5"W 37°47'03.6"N 122°23'06.1"W 37°47'07.6"N 122°23'05.2"W
★13318	18Ed. 8/02 LAST NM 38/02 Relocate Buoy "1" from 44°20'16"N 68°02'10"W to 44°20'15"N 68°02'07"W (34/02 CG1)	41/02	★18652 31Ed. 9/29/01 LAST NM 38/02 (Page A) Change Legend to "INNER HBR ENT CHAN 40½ FT" Legend to "40½ FT APR 2002" (See 27/02-18652)	41/02 37°48'10"N 122°20'40"W
★13324	13Ed. 3/11/95 LAST NM 5/02 Relocate Buoy "1" from 44°20'15"N 68°02'10"W to 44°20'15"N 68°02'07"W Buoy "27" from 44°29'43"N 67°42'13"W to 44°29'42"N 67°42'15"W Buoy "1" from 44°22'06"N 68°01'06"W to 44°22'04"N 68°01'05"W (34/02 CG1)	41/02	(Page B, Inset 5) Change Note to "RICHMOND HARBOR CHANNEL DEPTHES Controlling depths for project widths in feet at MLLW: Feb 1999-Apr 2002 Entrance Channel 37.0 Point Potrero Reach 33.6 Point Potrero Turn 36.2 Harbor Channel 37.0 Santa Fe Channel 28.2 Turning Basin 24.1"	37°47'31"N 122°18'06"W
13326	12Ed. 3/20/93 LAST NM 44/00 Relocate Buoy "27" from 44°29'43"N 67°42'13"W to 44°29'42"N 67°42'15"W (34/02 CG1)	41/02		37°55'45"N 122°19'10"W
★14088	10Ed. 8/3/02 NEW EDITION (NIMA)	41/02		(continued on next page)

SECTION I

18652	(Continued)			
	Legend to "OUTER HARBOR ENTRANCE CHANNEL 38 1/2 FT APR 2002" 37°48'30"N 122°20'27"W			
	Legend to "INNER HBR ENT CHAN 40 1/2 FT APR 2002" 37°48'07"N 122°20'42"W			
	Legend to "39 1/2 FT APR 2002" 37°49'00"N 122°19'05"W (See 2/02-18652)			
Add	Depth 38 feet	37°49'43"N 122°24'46"W		
Change	(Page C) Legend to "32 FT FOR WIDTH OF 600 FT MAY 2002" 38°03'20"N 122°18'05"W			
	Legend to "31 1/2 FT FOR WIDTH OF 600 FT MAY 2002" 38°02'30"N 122°21'00"W			
(NOS)				
★18653	9Ed. 9/30/00 LAST NM 38/02	41/02		
Add	Tabulation of controlling depths from Subsection I-2			
(NOS)				
21017	50Ed. 3/16/85 LAST NM 23/02	41/02		
Change	Visibility (range) of light to 18M	19°01.6'N 104°20.4'W		
Add	Light Fl(2) 11M (Mex LL; US CH 21342)	19°05.1'N 104°26.4'W		
21020	42Ed. 10/17/81 LAST NM 23/02	41/02		
Change	Visibility (range) of light to 18M (Mex LL)	19°01.6'N 104°20.7'W		
21342	28Ed. 8/22/92 LAST NM 21/01	41/02		
Delete	Range line and legend "Lts in line 077°00" between 19°03'52.5"N 104°17'08.9"W 19°03'31.8"N 104°18'43.8"W			
Relocate	Range light, front from 19°03'49.6"N 104°17'20.9"W to 19°03'51.8"N 104°17'17.8"W and change visibility (range) to 10M			
	Range light, rear from 19°03'52.8"N 104°17'08.8"W to 19°03'54.3"N 104°17'06.0"W and change visibility (range) to 8M			
Change	Visibility (range) of light to 5M 19°04'36.9"N 104°23'30.3"W			
	Visibility (range) of light to 18M 19°01'19.0"N 104°20'03.0"W			
Add	Range line extending in 257°00' direction from range light, rear 19°03'54.3"N 104°17'06.0"W dashed for 1370 meters, thence solid for 1280 meters			
	Legend "Lts in line 077°00" along above range line 19°03'36.0"N 104°18'35.0"W			
Delete	(Plan) Range line and legend "Lights in line 077°00" between 19°03'49.8"N 104°17'20.0"W 19°03'33.5"N 104°18'34.1"W			
Relocate	Range light, front from 19°03'49.6"N 104°17'20.9"W to 19°03'51.8"N 104°17'17.8"W and change visibility (range) to 10M Note: Light relocated to position outside right border of plan			
Add	Range line extending in 257°00' direction from above front light dashed for 1020 meters, thence solid for 1280 meters			
	Legend "Lights in line 077°00" along above range line 19°03'38.2"N 104°18'22.0"W (Mex LL; Mex CH S.M. 513)			
22004	38Ed. 7/5/97 LAST NM 39/02	41/02		
Add	Dangerous wreck [K28] (545)02 Callao	6°09.1'S 81°04.0'W		
22008	35Ed. 9/6/97 LAST NM 39/02	41/02		
Add	Dangerous wreck [K28] Wreck [K29] Wreck [K29] (545, 50, 52)02 Callao	6°09.1'S 81°04.0'W 10°56.0'S 77°58.0'W 11°08.1'S 77°41.5'W		
22120	3Ed. 9/1/01 LAST NM 39/02	41/02		
Add	Dangerous wreck [K28] (545)02 Callao	6°09.1'S 81°04.0'W		
22138	2Ed. 5/11/96 LAST NM 18/02	41/02		
Add	(Plan A) "OIL TRANSFER ANCHORAGE" area bound by purple dashed line joining (546)02 Callao	6°51'00"S 79°58'00"W 6°51'00"S 79°57'30"W 6°51'30"S 79°57'30"W 6°51'30"S 79°58'00"W		
22142	2Ed. 2/3/96 LAST NM 39/02	41/02		
Add	(Plan) Light FR Light FR Light FR Light FR Light FR Light FR (548)02 Callao	9°04'39.6"S 78°36'01.0'W 9°05'27.6"S 78°34'48.1'W 9°05'38.5"S 78°34'36.9'W 9°06'36.2"S 78°34'00.6'W 9°06'46.9"S 78°33'55.0'W 9°07'05.3"S 78°33'50.0'W		
22143	3Ed. 9/25/93 LAST NM 17/02	41/02		
Delete	(Plan B) Dangerous wreck (Supersedes 8/02-22143)	11°07'12.6"S 77°37'07.8" W		
Add	Dangerous wreck [K28] (551)02 Callao	11°07'01.5"S 77°37'03.3" W		
22145	2Ed. 10/1/84 LAST NM N22/99	N41/02		
Add	Wreck [K29] (552)02 Callao	11°08'06.0"S 77°41'32.0" W		
22160	2Ed. 5/25/96 LAST NM 39/02	41/02		
Add	Wreck [K29] (550)02 Callao	10°56.0'S 77°58.0'W		
22181	16Ed. 2/10/96 LAST NM 39/02	41/02		
Add	(Plan) Anchorage area "8" [N12.2] bound by purple dashed line joining (554)02 Callao	13°45'14"S 76°18'34"W 13°45'14"S 76°17'58"W 13°45'45"S 76°17'58"W 13°45'45"S 76°18'34"W		
Add	(Plan) Anchorage area "8" [N12.2] bound by purple dashed line joining (554)02 Callao	13°45'14"S 76°18'34"W 13°45'14"S 76°17'58"W 13°45'45"S 76°17'58"W 13°45'45"S 76°18'34"W		
	No. 8 to ANCHORAGES note "No. 8 for oil transfer"	13°47'52"S 76°13'54"W		
24101	3Ed. 10/12/96 LAST NM 37/02	41/02		
Delete	Light from buoy "5" and change designation to "101"	30°20'12"S 51°04'42"W		
Substitute	Light "99" Fl R 5s 7M for buoy "4" 30°20'36"S 51°03'53"W			
	Light "102" Fl G 5s 5M for buoy "6" 30°20'40"S 51°03'55"W			
Change	Designation of buoy "5" to "95" Designation of buoy "2" to "98" Designation of light "1" to "97" Designation of buoy "4" to "100" Designation of buoy "8" to "104" Designation of light "10" to "106" (1068)02 Rio de Janeiro; Brz LL	30°21'12"S 51°03'34"W 30°21'02"S 51°03'42"W 30°20'49"S 51°03'37"W 30°20'53"S 51°03'47"W 30°20'18"S 51°04'44"W 30°19'54"S 51°05'33"W		

SECTION I

NM 41/02

24102	3Ed. 10/26/96 LAST NM 37/02 Delete Light from buoy "5" and change designation to "101"	41/02 30°20'13"S 51°04'42"W	★26327 2Ed. 7/27/02 NEW EDITION (NIMA)	N41/02
	Light from buoy "9" and change designation to "105"	30°19'27"S 51°06'18"W		
Substitute	Light "99" Fl R 5s 7M for buoy "4" 30°20'36"S 51°03'53"W Light "102" Fl G 5s 5M for buoy "6" 30°20'40"S 51°03'55"W Light "103" Fl R 5s 2M for buoy "4" 30°19'50"S 51°05'30"W			
Change	Designation of buoy "5" to "95" Designation of buoy "2" to "98" 30°21'02"S 51°03'42"W Designation of light "1" to "97" 30°20'49"S 51°03'37"W Designation of buoy "4" to "100" 30°20'53"S 51°03'46"W Designation of buoy "8" to "104" 30°20'18"S 51°04'44"W Designation of light "10" to "106" 30°19'54"S 51°05'33"W Designation of buoy "12" to "108" 30°19'32"S 51°06'21"W (10(68)02 Rio de Janeiro; Brz LL)	30°21'15"S 51°03'34"W 30°21'02"S 51°03'42"W 30°20'49"S 51°03'37"W 30°20'53"S 51°03'46"W 30°20'18"S 51°04'44"W 30°19'54"S 51°05'33"W 30°19'32"S 51°06'21"W		
24480	1Ed. 6/16/90 LAST NM 27/02 (Panel B) Add Light QG 15m 10M Light Fl G 2.5s 33m 15M (13/02 Bogota)	41/02 10°19.1'N 75°32.5'W 10°19.3'N 75°30.5'W		
24504	7Ed. 6/17/95 LAST NM 17/02 Delete Buoy	41/02 10°19'03"N 75°35'57"W		
Add	Range light "01", front QG 15m 10M 10°19'08"N 75°32'29"W Range light "02", rear Fl G 2.5s 33m 15M 10°19'15"N 75°30'32"W			
	Range line extending in 266° direction from above rear light dashed for 2.4 miles, thence solid for 2.4 miles			
	Legend "Lights in line 086°" along above range line	10°19'03"N 75°33'30"W		
	Buoy RW, pillar, Q Racon (-•-•) (13, 18/02 Bogota)	10°19'02"N 75°35'59"W		
24508	2Ed. 5/27/95 LAST NM 19/02 Delete Buoy	41/02 10°19'03.0"N 75°35'57.0'W		
Add	Range light "01", front QG 15m 10M 10°19'07.6"N 75°32'29.3"W Range light "02", rear Fl G 2.5s 33m 15M 10°19'15.4"N 75°30'32.5"W			
	Range line extending in 266° direction from above rear light dashed for 2.4 miles, thence solid for 2.4 miles			
	Legend "Lights in line 086°" along above range line	10°19'04.5"N 75°33'35.0"W		
	Buoy RW, pillar, Q Racon (-•-•) (13, 18/02 Bogota)	10°19'01.5"N 75°35'58.5"W		
24510	2Ed. 6/24/95 LAST NM 19/02 Delete Buoy	41/02 10°19'03.0"N 75°35'57.0'W		
Add	Range light "01", front QG 15m 10M 10°19'07.6"N 75°32'29.3"W Range light "02", rear Fl G 2.5s 33m 15M 10°19'15.4"N 75°30'32.5"W			
	Range line extending in 266° direction from above rear light dashed for 2.4 miles, thence solid for 2.4 miles			
	Legend "Lights in line 086°" along above range line	10°19'05.0"N 75°33'20.0"W		
	Buoy RW, pillar, Q Racon (-•-•) (13, 18/02 Bogota)	10°19'01.5"N 75°35'58.5"W		
27120	4Ed. 7/3/99 LAST NM 47/01 Change Visibility (range) of light to 15M Visibility (range) of light to 13M Visibility (range) of light to 5M Visibility (range) of light to 15M Light to Fl(3) 12s 17m 11M (Mex LL)	41/02 21°36.2'N 87°06.5'W 21°15.5'N 86°45.3'W 21°09.9'N 86°44.0'W 20°50.7'N 86°53.0'W 20°37.0'N 87°04.7'W		
28190	2Ed. 6/5/99 LAST NM 47/01 Change Height of light to 17m (Mex LL)	41/02 20°37.2'N 87°04.5'W		
28196	4Ed. 3/27/99 LAST NM 44/01 Change Height of light to 17m (Mex LL)	41/02 20°37'15.0"N 87°04'32.0"W		
28202	22Ed. 7/25/98 LAST NM 45/00 Change Visibility (range) of range light, rear to 13M Visibility (range) of light to 4M Visibility (range) of light to 5M Light to Fl 3s 8m 6M (Mex LL)	41/02 21°15'27"N 86°45'03"W 21°16'04"N 86°45'03"W 21°10'02"N 86°43'40"W 21°12'48"N 86°48'04"W		
28210	2Ed. 8/22/98 LAST NM 39/02 Change Light to Fl(2) 10s 11m 10M, Fl 6s 11m 10M (Mex LL)	41/02 21°32.2'N 87°18.0'W 21°36.2'N 87°06.0'W 21°15.9'N 86°45.0'W		
35009	19Ed. 12/2/95 LAST NM 40/02 Add Depth 70 meters Wk [K26] (13(1342)02 Taunton)	41/02 55°27.1'N 0°56.8'W		
35060	14Ed. 6/21/97 LAST NM 40/02 Add Depth 70 meters Wk [K26] (13(1342)02 Taunton)	41/02 55°27.1'N 0°56.8'W		
35099	3Ed. 1/24/98 LAST NM 19/99 (Plan A) Delete Dashed-line area and legend "4,7m" in vicinity (12(1207)02 Taunton)	41/02 57°08'40.9"N 2°05'36.5"W		
35101	6Ed. 12/28/96 LAST NM 31/00 Delete Marine farm symbol (13(1344)02 Taunton)	41/02 57°40'06"N 3°59'48"W		
35103	5Ed. 6/20/98 LAST NM 43/00 Delete Buoy Buoy Marine farm symbol Marine farm symbol Marine farm symbol Marine farm symbol Marine farm symbol (13(1344)02 Taunton)	41/02 57°40'01.8"N 3°59'16.9"W 57°40'15.9"N 3°59'15.1"W 57°40'02.2"N 3°59'20.1"W 57°40'02.2"N 3°59'33.0"W 57°40'13.0"N 3°59'19.8"W 57°40'12.9"N 3°59'33.9"W		
35330	2Ed. 4/5/97 LAST NM 38/02 Add Danger circle [K40] "Obstn (Marine farm)" (12(1208)02 Taunton)	41/02 53°18.5'N 9°53.2'W		
35350	2Ed. 4/19/97 LAST NM 38/02 Add Danger circle [K40] "Obstn (Marine farm)" (12(1208)02 Taunton)	41/02 53°18.5'N 9°53.2'W		
36140	12Ed. 8/16/97 LAST NM 36/02 Add Depth 26 meters Wk [K26] (36(3799)02 Taunton)	41/02 50°20.6'N 5°16.4'W		

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37005	16Ed. 8/2/97 LAST NM 23/02 Add Depth 70 meters Wk [K26] (13(1342)02 Taunton)	41/02 55°27.1'N 0°56.8'W	43303	4Ed. 6/27/98 LAST NM 39/99 Add Danger circle [K40] "Obstn (Marine farm)" 60°29'27"N 4°53'52"E	41/02
37010	23Ed. 9/7/96 LAST NM 26/02 Add Depth 70 meters Wk [K26] (13(1342)02 Taunton)	41/02 55°27.1'N 0°56.8'W		Submarine cable [L30.1] joining 60°31'16"N 5°17'28"E 60°31'28"N 5°17'10"E 60°31'50"N 5°17'10"E 60°32'11"N 5°17'46"E 60°33'23"N 5°18'58"E (15(648, 649)02 Stavanger)	
37042	5Ed. 9/4/99 LAST NM 17/02 Change Period of buoy to 2.5s (12(1211)02 Taunton)	41/02 50°08'59.8"N 5°01'37.8"W	43321	6Ed. 1/17/98 LAST NM 30/02 Add Danger circle [K40] "Obstn (Marine farm)" 60°29'27"N 4°53'52"E	41/02
37104	3Ed. 4/25/98 LAST NM 13/02 Delete Legend "Hoverport" (16(4)02 Brest)	41/02 50°42'52.1"N 1°34'20.5"E		Submarine cable [L30.1] joining 60°31'16"N 5°17'28"E 60°31'28"N 5°17'10"E 60°31'50"N 5°17'10"E 60°32'11"N 5°17'46"E 60°33'03"N 5°18'37"E (15(648, 649)02 Stavanger)	
37126	8Ed. 7/4/98 LAST NM 15/02 Delete Range lights (2), range line and legend "≠170°12'" between (16(3)02 Brest)	41/02 50°58'20.1"N 1°52'44.5"E 50°59'17.2"N 1°52'29.5"E	43341	7Ed. 9/14/96 LAST NM 13/99 Add Submarine cable [L30.1] joining	41/02 58°59'18"N 6°01'10"E 58°59'13"N 6°00'38"E 58°59'15"N 6°00'25"E (15(645)02 Stavanger)
37400	(INT 1803) 10Ed. 3/12/88 LAST NM 40/02 Delete Depth 28 meters Wk (PD) Wreck (PD)	41/02 46°18.9'N 2°11.0'W 46°05.1'N 2°08.0'W	44284	2Ed. 6/29/91 LAST NM 6/01 Delete Range lights (2), buoys (2), range line and legend "<6.3m>" between	41/02 65°05'14"N 25°23'26"E 65°05'05"N 25°21'58"E
	Add Depth 28 meters Wk (unsurveyed) [K30]	46°18.6'N 2°12.2'W		Lights (2), buoys (2) and dashed line between 65°06'00"N 25°23'14"E 65°05'56"N 25°21'44"E	
	Depth 38 meters Wk (unsurveyed) [K30]	46°04.6'N 2°08.3'W		Add Range light, front FR 6m 1M Range light, rear FR 10m 1M	65°05'50"N 25°23'18"E 65°05'51"N 25°23'25"E
	(16(7), 20(7)02 Brest)			Range line extending in 241° direction from above rear light dashed for 200 meters, thence solid for 1100 meters	
37402	7Ed. 11/1/97 LAST NM 32/02 Add Submarine pipeline (sewer) [L41.1] between	41/02 46°09'01.8"N 1°11'26.0"W 46°08'51.8"N 1°11'18.4"W		Legend "Lts in line 061° (marked by buoys)" along above range line (32-33(773)02 Helsinki; Fin CH 57; BA LL)	65°05'39"N 25°22'30"E
42740	5Ed. 7/22/95 LAST NM 34/02 Delete Light (12(1214)02 Taunton)	41/02 68°21.8'N 38°25.0'E	44310	5Ed. 12/21/96 LAST NM 29/02 Change Light to Fl WRG 5s 11m 7M	41/02 61°16.1'N 21°21.2'E (28(625)98 Helsinki)
43079	2Ed. 7/4/98 LAST NM 34/99 Add Submarine pipeline [L41.1] joining	41/02 70°40'42.5"N 23°38'19.9"E 70°40'45.5"N 23°37'59.9"E 70°41'02.5"N 23°37'35.9"E 70°41'17.5"N 23°37'05.9"E 70°41'20.5"N 23°36'54.9"E (15(658)02 Stavanger)	44313	1Ed. 4/11/87 LAST NM 27/02 Delete Solid line and legend "2.4m" between	41/02 61°01.22'N 21°16.80'E 61°05.70'N 21°18.50'E
43082	5Ed. 7/26/97 LAST NM 34/99 Add Submarine pipeline [L41.1] joining	41/02 70°40'42"N 23°38'20"E 70°40'46"N 23°38'00"E 70°41'02"N 23°37'36"E 70°41'17"N 23°37'06"E 70°41'20"N 23°36'55"E (15(658)02 Stavanger)		Relocate Buoy from 61°10.19'N 21°16.53'E to and add light VQ	61°10.40'N 21°15.75'E
43140	4Ed. 10/5/96 LAST NM 17/02 Add Danger circle [K40] "Obstn (Marine farm)" Danger circle [K40] "Obstn (Marine farm)" (15(657)02 Stavanger)	41/02 68°45.9'N 15°27.6'E 68°46.6'N 15°27.1'E		Change Legend to "3.6m" Light to Fl WRG 5s 11m 7M with sectors red 007°-036°, green-093°, white-184°, red-215°, green-256°, white-007°	61°55.60'N 21°09.80'E 61°16.12'N 21°21.23'E
43161	2Ed. 10/18/80 LAST NM 17/02 Add Depth 1.9 meters (15(656)02 Stavanger)	41/02 68°02'35"N 13°29'02"E		Add Buoy RW, spar, ball topmark Buoy YBY, spar, double cone topmark points together	61°03.57'N 21°15.67'E 61°04.59'N 21°14.65'E
43223	4Ed. 11/22/97 LAST NM 23/98 Add Danger circle [K40] "Obstn (Marine farm)" (15(655)02 Stavanger)	41/02 64°34'16"N 11°33'42"E		Buoy YBY, spar, double cone topmark points together Solid line (maritime route) with legend "3.6m" joining	61°05.57'N 21°14.38'E 61°01.22'N 21°16.80'E 61°02.29'N 21°17.21'E 61°04.69'N 21°14.28'E 61°05.61'N 21°14.15'E 61°06.17'N 21°15.39'E (28(625)98, 15(285, 286)02 Helsinki; Fin CH 41)

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NM 41/02

44319	2Ed. 2/15/97	LAST NM 21/02	41/02	Buoy "6"	60°21'25"N 27°50'08"E
	Delete	"SEAL ROOKERY" area in vicinity	60°20.0'N 27°45.0'E	Buoy "2"	60°23'26"N 27°50'12"E
	(3/50)99 Helsinki)			Add	Buoy YBY, pillar, double cone topmark points together with light flare symbol
44341	7Ed. 10/17/98	LAST NM 37/02	41/02		60°23'28"N 27°49'58"E
Change	Legend to "<9.3m>"		60°09'34"N 24°59'52"E		
	Legend to "<8.7m>"		60°10'21"N 24°58'33"E		
Add	Solid line (maritime route) with legend "<2m>" between		60°07'55"N 25°01'42"E 60°07'43"N 25°05'32"E		
	Buoy YB, spar, double cone topmark points down		60°07'52"N 25°03'28"E		
	Ra ref to light (28(686), 35-36(856)01 Helsinki)		60°09'47"N 24°59'58"E		
44342	8Ed. 4/27/96	LAST NM 37/02	41/02		
Delete	Buoy		60°06'24.0"N 24°58'31.0"E		
	Buoy		60°10'59.5"N 24°59'03.0"E		
	Buoy		60°11'05.8"N 24°59'06.0"E		
	Solid line between		60°10'23.5"N 24°58'32.0"E 60°11'05.8"N 24°59'06.0"E		
Change	Legend to "9.3m"		60°09'34.0"N 24°59'52.0"E		
	Legend to "9.3m"		60°09'55.0"N 24°59'08.0"E		
	Legend to "8.7m"		60°10'15.0"N 24°58'45.0"E		
	Buoy to G, spar, cone topmark		60°10'43.2"N 24°58'52.0"E		
Add	Rock which does not cover [K10]		60°10'47.4"N 25°00'16.2"E		
	Rock which does not cover [K10]		60°10'48.0"N 25°00'06.0"E		
	Dangerous submerged rock [K13]		60°09'36.6"N 25°01'19.8"E		
	Dangerous submerged rock [K13]		60°09'36.0"N 25°01'16.2"E		
	Dangerous submerged rock [K13]		60°08'38.4"N 25°01'30.6"E		
	Solid line (maritime route) with legend "2 meters" between		60°07'55.2"N 25°01'42.0"E 60°07'50.0"N 25°03'10.6"E		
	Solid line (maritime route) with legend "8m" between		60°10'19.2"N 24°58'38.0"E 60°10'41.4"N 24°58'46.0"E		
	Solid line (maritime route) with legend "5m" between		60°10'41.4"N 24°58'46.0"E 60°10'49.8"N 24°58'49.2"E		
	Land tint to area bound by shore and solid line joining		60°10'33.1"N 24°58'24.5"E 60°10'32.3"N 24°58'36.2"E 60°10'42.8"N 24°58'42.3"E		
	Buoy G, spar, cone topmark		60°10'24.1"N 24°58'40.5"E		
	Buoy R, spar, can topmark		60°10'26.9"N 24°58'37.0"E		
	Buoy G, spar, cone topmark		60°10'38.2"N 24°58'46.0"E		
	Light VQ(6) + L Fl 10s to buoy		60°10'08.8"N 24°59'04.0"E		
	Light VQ(3) 5s to buoy		60°10'35.4"N 24°58'20.5"E		
	Ra ref to light		60°09'46.8"N 24°59'54.0"E		
	(28(686), 34(830), 35-36(856)01, 2-3(25)02 Helsinki; Fin CH 191)				
44360	9Ed. 10/12/96	LAST NM 37/02	41/02		
Delete	"SEAL ROOKERY" area in vicinity		60°19.5'N 27°45.0'E		
	Buoy "1"		60°15.3'N 27°35.3'E		
	Buoy "2"		60°15.3'N 27°40.2'E		
	Buoy "3"		60°15.3'N 27°45.3'E		
	Buoy "1"		60°15.3'N 27°50.1'E		
	Buoy "4"		60°17.3'N 27°50.1'E		
	Buoy "5"		60°19.4'N 27°50.1'E		
	Buoy "6"		60°21.4'N 27°50.1'E		
	Buoy "2"		60°23.4'N 27°50.2'E		
	Buoy "3"		60°22.0'N 27°41.2'E		
Add	Buoy YBY, pillar, double cone topmark points together with light flare symbol		60°23.5'N 27°50.0'E		
	(3/50)99 Helsinki; Fin CH 13)				
44366	1Ed. 5/27/89	LAST NM 34/02	41/02		
Delete	"FISHING AREA A" in vicinity		60°20'12"N 27°44'00"E		
	Buoy "4"		60°17'20"N 27°50'08"E		
	Buoy "5"		60°19'22"N 27°50'08"E		

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54180	6Ed. 9/26/92 LAST NM 19/02 Add Platform (lighted) [L10] "CALPURNIA"	41/02 43°53.9'N 14°09.2'E	Dashed line joining 31°15'56.0"N 32°24'45.5"E 31°14'36.0"N 32°22'18.0"E 31°13'55.1"N 32°22'05.9"E
	Platform (lighted) [L10] "CLARA N"	43°56.2'N 13°58.6'E	Legend "Works in Progress (2000)" 31°17'18.0"N 32°23'30.0"E
	Submarine pipeline (gas) [L40.1] with legend "CAUTION NO 2" joining	43°56.2'N 13°58.6'E 43°53.9'N 14°09.2'E 44°04.6'N 13°47.0'E	(37(3654)00 Taunton)
	Submarine pipeline (gas) [L40.1] with legend "CAUTION NO 2" joining	43°50.0'N 14°11.7'E 43°53.9'N 14°09.2'E 43°50.0'N 14°06.5'E	
	(22(12)01, 6(7)02 Genova)		
54440	4Ed. 10/5/85 LAST NM 30/02 Change Light to Fl(2) R 10s 13m 7M (See 41/01-54440) (4(18)02 Istanbul; BA LL)	41/02 36°18.9'N 33°52.9'E	
54480	8Ed. 9/27/86 LAST NM 36/02 Change Light to Fl(2) R 10s 13m 7M (See 41/01-54480) (4(18)02 Istanbul; BA LL)	41/02 36°18.9'N 33°52.9'E	
55040	4Ed. 7/31/99 LAST NM 39/02 Add Light Fl R 3s 8M, Fl G 3s 8M (26(150)01 Istanbul; BA LL)	41/02 40°35.0'N 27°33.7'E	
55044	5Ed. 3/23/96 LAST NM 23/02 Add Light Fl R 3s 10m 8M Light Fl G 3s 10m 8M (26(150)01 Istanbul; BA LL)	41/02 40°35'01"N 27°33'39"E 40°34'58"N 27°33'42"E	
55045	2Ed. 5/17/86 LAST NM 23/02 Add Light Fl R 3s 10m 8M Light Fl G 3s 10m 8M (26(150)01 Istanbul; BA LL)	41/02 40°35'01"N 27°33'39"E 40°34'58"N 27°33'42"E	
55046	4Ed. 11/30/96 LAST NM 39/02 Add Buoy (mooring) [Q40] Buoy (mooring) [Q40] (32(173)01 Istanbul)	41/02 40°51'52"N 29°14'46"E 40°51'44"N 29°14'53"E	
55048	12Ed. 9/9/00 LAST NM 39/02 (Panel A) Delete Buoy (mooring) Buoy (See 6/02-55048) (48(242)01 Istanbul)	41/02 41°10'14.5"N 29°05'05.5"E 41°09'10.9"N 29°03'55.7"E	
55049	6Ed. 8/24/96 LAST NM 30/02 (Panel B) Delete Light (22(134)01 Istanbul)	41/02 40°44'48.0"N 29°49'36.0"E	
55105	7Ed. 2/6/99 LAST NM 36/02 Add Light Fl G 7M, Fl R 7M (48(241)01 Istanbul; BA LL)	41/02 41°12.0'N 40°59.6'E	
55139	5Ed. 5/6/00 LAST NM 37/00 Add Buoy YBY, spar, double cone topmark points together (17(247)02 St. Petersburg)	41/02 41°39'35"N 41°39'01"E	
55170	2Ed. 10/5/96 LAST NM 36/02 Add Light Fl G 5s 11m 7M Light Fl R 5s 10m 7M (48(241)01 Istanbul; BA LL)	41/02 41°12.0'N 40°59.6'E 41°11.8'N 40°59.5'E	
56081	19Ed. 8/17/96 LAST NM 40/01 Add Dashed line joining	41/02 31°14'57.0"N 32°21'31.8"E 31°19'18.0"N 32°22'31.2"E 31°21'42.0"N 32°23'15.6"E 31°22'23.0"N 32°24'45.5"E	
56100	13Ed. 3/2/96 LAST NM 1/02 Add "Works in Progress (2000)" area bound by jetty, dashed line and shore joining	41/02 31°15.0'N 32°21.5'E 31°19.3'N 32°22.5'E 31°21.7'N 32°23.3'E 31°24.0'N 32°28.2'E 31°18.0'N 32°28.3'E 31°14.6'N 32°22.3'E 31°13.5'N 32°22.0'E	
56104	2Ed. 9/30/95 LAST NM 1/02 Add "Works in Progress (2000)" area bound by jetty, dashed line and chart border joining	41/02 31°14'57"N 32°21'32"E 31°19'18"N 32°22'31"E 31°21'42"N 32°23'16"E 31°24'00"N 32°28'12"E 31°18'01"N 32°28'17"E 31°14'36"N 32°22'18"E 31°14'00"N 32°22'08"E	
57063	5Ed. 12/27/97 LAST NM 40/02 Delete Color RW from position circle "WATER TOWER" (15(10)02 Brest)	41/02 5°15'15.0"N 4°00'05.0"W	
57064	3Ed. 3/27/99 LAST NM 25/00 Delete "ANCHORAGE PROHIBITED" area in vicinity Add Position circle "White Wall"	41/02 5°13'29.0"N 4°00'20.0"W 5°16'52.8"N 4°02'17.4"W	
	"ANCHORING PROHIBITED" area bound by purple composite-line lesser arc of a circle, radius 1 mile, centered 640 meters S of position arc between Note: Area extends beyond chart border	5°13'15.0"N 4°00'12.0"W 5°13'15.0"N 4°01'08.4"W 5°13'15.0"N 3°59'16.0"W	
57101	18Ed. 9/11/93 LAST NM 51/98 Relocate Buoy "Fairway" from 6°20'58"N 3°24'23"E to 6°22'01"N 3°24'34"E (45(437)00 Taunton)	41/02 6°22'01"N 3°24'34"E	
61190	4Ed. 3/21/98 LAST NM 39/02 Delete Buoy Relocate Buoy from 7°50.5'S 39°35.5'E to Buoy from 7°53.5'S 39°33.5'E to Add Buoy R, can, Fl R 10s (35(372)02 Taunton)	41/02 7°58.5'S 39°35.2'E 7°50.4'S 39°36.3'E 7°53.2'S 39°33.7'E 7°58.4'S 39°35.5'E	
62092	7Ed. 12/23/95 LAST NM 2/02 Add Stranded wreck [K24] with legend "(5)" (27(43)02 Brest)	41/02 11°35'52"N 43°07'34"E	
62093	7Ed. 9/2/95 LAST NM 16/02 Add Depth 10.1 meters Obstn [K41] 11°36'34.2"N 43°07'45.6"E Depth 13.7 meters Obstn [K41] 11°37'02.2"N 43°07'47.8"E Stranded wreck [K24] with legend "(5)" (27(43)02 Brest)	41/02 11°35'52.2"N 43°07'34.2"E	

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NM 41/02

62095	2Ed. 6/19/93 LAST NM 16/02 Substitute Depth 10.1 meters Obstn [K41] for 10.1 meters (See 3, 16/02-62095)	41/02 11°36'34.2"N 43°07'45.6"E	Depth 2.6 meters, blue tint and enclosing depth contour (5-meter) centered 15°11'45"S 145°36'25"E Depth 4.8 meters, blue tint and enclosing depth contour (5-meter) centered 15°11'35"S 145°34'41"E (272), 11(286)01 Wollongong)
Add	Depth 13.7 meters Obstn [K41] 11°37'02.2"N 43°07'47.8"E Stranded wreck [K24] with legend "(5)" (27(43)02 Brest)	11°35'52.2"N 43°07'34.2"E	
62191	14Ed. 4/13/96 LAST NM 29/02 Add Platform (lighted) [L10]	41/02 28°12'46"N 33°24'04"E	
	Submarine pipeline [L40.1] between (35(3724)02 Taunton)	28°12'46"N 33°24'04"E 28°10'56"N 33°27'25"E	
62195	6Ed. 3/9/96 LAST NM 36/02 Add Platform (lighted) [L10]	41/02 28°12'46"N 33°24'04"E	
	Submarine pipeline [L40.1] between (35(3724)02 Taunton)	28°12'46"N 33°24'04"E 28°10'56"N 33°27'25"E	
62270	4Ed. 8/7/99 LAST NM 37/02 Delete Buoy "N11" (35(3726)02 Taunton)	41/02 17°03.8'N 42°12.5"E	
62271	5Ed. 8/27/88 LAST NM 37/02 Delete Buoy "N11" (35(3726)02 Taunton)	41/02 17°03'30"N 42°12'36"E	
62290	3Ed. 2/23/91 LAST NM 37/02 Delete Buoy "N11" (35(3726)02 Taunton)	41/02 17°03.6'N 42°12.4"E	
71430	2Ed. 9/9/95 LAST NM 18/02 Change Light to Fl 3s 15m 13M (29(232)99 Jakarta)	41/02 1°11.5'N 106°53.1"E	
71460	1Ed. 9/26/87 LAST NM 25/02 Change Light to Fl 3s 15m 13M (29(232)99 Jakarta)	41/02 1°11.5'N 106°53.1"E	
74182	12Ed. 2/13/99 LAST NM 39/02 Change Light to Fl WR 3s 14m 13/8M (26(729)00 Wollongong)	41/02 27°30'36"S 153°17'23"E	
74261	9Ed. 5/23/98 LAST NM 25/02 Substitute Depth 8 meters for 14.6 meters	41/02 15°12'37"S 145°32'28"E	
	Add Depth 3.5 meters, blue tint and enclosing depth contour (5-meter) centered (272)01 Wollongong)	15°12'37"S 145°33'04"E	
74265	2Ed. 7/12/97 LAST NM 38/02 Substitute Depth 8 meters for 14.6 meters	41/02 15°12.7'S 145°32.4"E	
	Add Depth 3.5 meters, blue tint and enclosing depth contour (5-meter) centered (272)01 Wollongong)	15°12.7'S 145°33.0"E	
74273	5Ed. 8/23/97 LAST NM 38/02 Delete Legend "Foul ground" Depth 25 meters	41/02 15°12'19"S 145°32'22"E 15°13'01"S 145°33'58"E	
	Substitute Depth 7.1 meters, blue tint and enclosing depth contour (10-meter) for 12 meters 15°11'43"S 145°30'04"E	15°12'37"S 145°32'28"E	
	Depth 8 meters, blue tint and enclosing depth contour (10-meter) for 14.6 meters 15°12'37"S 145°32'28"E	15°12'37"S 145°32'28"E	
Add	Depth 3.5 meters, blue tint and enclosing depth contour (5-meter) centered Depth 3.8 meters, blue tint and enclosing depth contour (5-meter) centered	15°12'37"S 145°33'04"E 15°12'53"S 145°33'51"E	
74517	3Ed. 7/6/96 LAST NM 39/02 Add Buoy Y, spherical, Fl(5) Y 20s (276)01 Wollongong)	41/02 21°24'35"S 114°56'23"E	
74521	3Ed. 9/13/97 LAST NM 28/02 Add Buoy Y, spherical, Fl(5) Y 20s (276)01 Wollongong)	41/02 21°24'35"S 114°56'23"E	
74581	9Ed. 3/30/96 LAST NM 40/02 Relocate Light from 32°01'26.5"S 115°27'00.5"E to (See 34/02-74581) (277)01 Wollongong)	41/02 32°01'24.6"S 115°27'02.4"E	
74584	5Ed. 7/22/95 LAST NM 34/02 Delete Buoy (mooring) Buoy (mooring)	41/02 32°14'07.8"S 115°41'48.6"E 32°14'15.6"S 115°41'47.0"E	
	Add Buoy (mooring) [Q40] Buoy (mooring) [Q40] (278)01 Wollongong)	32°13'00.0"S 115°42'24.0"E 32°13'09.0"S 115°42'24.0"E	
75010	7Ed. 7/13/96 LAST NM 18/02 Delete Light (NTM0015/2002)	41/02 35°14.0'S 136°04.0"E	
75130	16Ed. 8/26/95 LAST NM 34/02 Delete Light (NTM0015/2002)	41/02 35°14.0'S 136°03.5"E	
75264	17Ed. 10/3/98 LAST NM 37/02 Substitute Depth 9 meters for 9.4 meters (26(727)00 Wollongong)	41/02 33°50'49.8"S 151°15'53.4"E	
83026	32Ed. 2/24/90 LAST NM 18/02 Add Danger circle [K1] "Volcanic Activity Rep (2001)" (17(120)02 Wellington)	41/02 14°34.5"S 168°55.5"W	
83039	11Ed. 5/26/84 LAST NM 12/02 Add Danger circle [K1] "Volcanic Activity Rep (2001)" (17(120)02 Wellington)	41/02 14°34.5"S 168°55.5"W	

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91170	2Ed. 7/22/95 LAST NM 38/02 Substitute Foul ground symbol [K31] for dangerous wreck Foul ground symbol [K31] for dangerous wreck (See 48/01, 38/02-91170) (45/02 Tso-ying)	41/02 21°55'36"N 120°51'48"E 21°55'30"N 120°52'24"E	Light Fl(3) 10s 35m 10M (23(360), 24(375, 384)01 Tianjin; Cna LL)	30°40'52"N 122°33'17"E
93010	6Ed. 1/9/99 LAST NM 40/02 Add Platform [L10]	41/02 5°12.4'N 104°40.3'E		
	Submarine pipeline [L41.1] between	5°38.8'N 104°58.9'E 5°12.7'N 104°43.7'E		
	Submarine pipeline [L41.1] between	5°12.7'N 104°43.7'E 4°34.1'N 103°27.7'E		
	Submarine pipeline [L41.1] between	5°12.7'N 104°43.7'E 5°12.4'N 104°40.3'E		
	Submarine pipeline [L41.1] between	5°12.7'N 104°43.7'E 5°33.0'N 104°46.6'E		
	Submarine pipeline [L41.1] between	5°12.7'N 104°43.7'E 5°26.8'N 105°23.0'E (See 22/02-93010) (13/00 Malaysia)		
93110	2Ed. 8/18/01 LAST NM 40/02 Add Submarine pipeline [L41.1] between	41/02 4°34.2'N 103°27.8'E 5°12.7'N 104°43.7'E		
	Submarine pipeline [L41.1] between	5°12.7'N 104°43.7'E 5°22.0'N 105°09.3'E		
	Submarine pipeline [L41.1] between	5°12.7'N 104°43.7'E 5°34.0'N 104°56.0'E		
	Submarine pipeline [L41.1] between	5°12.7'N 104°43.7'E 5°33.0'N 104°46.6'E		
	Submarine pipeline [L41.1] between	5°12.7'N 104°43.7'E 5°12.4'N 104°40.3'E (See 22/02-93110) (13/00 Malaysia)		
93115	2Ed. 5/25/96 LAST NM 40/02 Add Submarine pipeline [L41.1] between	41/02 4°34'12"N 103°27'53"E 4°47'39"N 103°54'20"E (13/00 Malaysia)		
93117	2Ed. 3/23/96 LAST NM 40/02 (Plan A) Add Submarine pipeline [L40.1] between	41/02 4°34'12.0"N 103°27'53.0"E 4°36'42.1"N 103°32'48.1"E (13/00 Malaysia)		
93736	22Ed. 6/27/98 LAST NM 32/02 Delete Depth 6.6 meters	41/02 22°20'17.7"N 114°04'41.5"E		
	Substitute Depth 6.6 meters for 8.2 meters	22°20'17.7"N 114°03'41.5"E (See 5/02-93736) (14/50)01 Hong Kong)		
94063	4Ed. 9/21/96 LAST NM 33/02 Add Light Dir FW RG 13m 14-11M	41/02 24°17'41"N 120°29'54"E		
	(Plan) Add Light Dir FW RG 13m 14-11M	24°17'41.5"N 120°29'54.4"E (34/02 Tso-ying)		
94203	10Ed. 11/21/98 LAST NM 26/02 Add Submarine cable [L30.1] joining	41/02 30°51'19"N 121°50'25"E 30°51'01"N 121°50'28"E 30°50'53"N 121°52'21"E 30°49'53"N 121°54'25"E 30°49'54"N 121°56'03"E 30°42'00"N 122°25'22"E Light Fl(3) 10s 38m 10M		
		30°46'26"N 122°27'47"E		
94206	3Ed. 3/8/86 LAST NM 26/02 Add Submarine cable [L30.1] joining	41/02 30°51'17"N 121°50'08"E 30°51'00"N 121°50'11"E 30°50'57"N 121°50'51"E 30°50'53"N 121°51'48"E 30°50'52"N 121°52'04"E 30°49'52"N 121°54'07"E 30°49'53"N 121°55'46"E 30°45'54"N 122°10'45"E (23(360)01 Tianjin)		
94220	4Ed. 9/23/95 LAST NM 26/02 Add Submarine cable [L30.1] joining	41/02 30°51.3'N 121°50.4'E 30°50.9'N 121°52.3'E 30°49.9'N 121°56.1'E 30°42.0'N 122°25.4'E Light Fl(3) 10s 38m 10M Light Fl(3) 10s 35m 10M (23(360), 24(375, 384)01 Tianjin; Cna LL)		
95066	11Ed. 11/21/98 LAST NM 20/02 Add Buoy "A" Y, pillar, "X" topmark, QY	41/02 37°19'58"N 126°30'40"E Buoy "B" Y, pillar, "X" topmark, QY 37°20'05"N 126°32'33"E Buoy "C" Y, pillar, "X" topmark, QY 37°20'16"N 126°34'28"E Buoy "D" Y, pillar, "X" topmark, QY 37°19'29"N 126°34'50"E Buoy "E" Y, pillar, "X" topmark, QY 37°19'24"N 126°32'49"E Buoy "F" Y, pillar, "X" topmark, QY 37°19'17"N 126°30'54"E (28(386)02 Inchon)		
95067	13Ed. 8/29/98 LAST NM 18/02 Delete Buoy "2" Relocate Buoy "1" from 37°26'18.0"N 126°35'33.0"E to 37°26'02.0"N 126°35'23.0"E and change characteristic to Fl(2) G 6s	41/02 37°26'18.0"N 126°36'19.0"E 37°26'15.0"N 126°36'27.0"E Buoy "2" from 37°26'18.0"N 126°35'37.0"E to 37°25'54.0"N 126°35'27.0"E Buoy "3" from 37°26'23.0"N 126°36'00.0"E to 37°26'08.0"N 126°35'43.0"E and change characteristic to Fl(3) G 7s Buoy "4" from 37°26'23.0"N 126°36'00.0"E to 37°26'03.0"N 126°35'46.0"E and change characteristic to Fl(3) R 7s		
	Add Buoy "A" Y, pillar, "X" topmark, Fl(4) Y 8s Buoy "B" Y, conical, "X" topmark Buoy "C" Y, conical, "X" topmark Buoy "D" Y, pillar, "X" topmark, Fl(4) Y 8s Buoy "E" Y, pillar, "X" topmark, Fl(4) Y 8s Buoy "F" G, pillar, can topmark, QG Buoy "G" R, pillar, cone topmark, QR Buoy "H" R, pillar, cone topmark, Fl R 4s Buoy "I" R, conical Buoy "J" R, conical	37°26'28.0"N 126°36'13.4"E 37°26'23.0"N 126°36'12.4"E 37°26'18.0"N 126°36'10.4"E 37°26'16.0"N 126°35'45.4"E 37°26'20.0"N 126°35'46.4"E 37°26'12.0"N 126°36'00.0"E 37°26'07.0"N 126°36'05.0"E 37°26'14.0"N 126°36'28.4"E 37°26'26.0"N 126°36'24.0"E 37°26'00'19.0"N 126°43'47.0"E 37°00'28.0"N 126°43'58.0"E		
95068	1Ed. 10/23/99 LAST NM 40/01 Add Buoy "A" Y, pillar, "X" topmark, QY Buoy "B" Y, pillar, "X" topmark, QY	41/02 (continued on next page)		

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NM 41/02

95068	(Continued)		
	Buoy "C" Y, pillar, "X" topmark, QY 37°00'36.0"N 126°44'08.0"E		Buoy "1" G, pillar, can topmark, Fl G 4s Racon 35°00'18"N 128°34'47"E
	Buoy "D" Y, pillar, "X" topmark, QY 37°00'37.0"N 126°44'53.0"E		Buoy "3" G, pillar, can topmark, Fl G 4s 35°00'13"N 128°34'28"E
	Buoy "E" Y, pillar, "X" topmark, QY 37°00'30.0"N 126°45'27.0"E		Buoy "5" G, pillar, can topmark, Fl G 4s 35°00'09"N 128°34'12"E
	Buoy "F" Y, pillar, "X" topmark, QY 37°00'20.0"N 126°45'18.0"E		Buoy "7" G, pillar, can topmark, Fl G 4s 35°00'04"N 128°33'55"E
	Buoy "G" Y, pillar, "X" topmark, QY 37°00'08.0"N 126°45'07.0"E		Buoy "9" G, pillar, can topmark, Fl G 4s 35°00'00"N 128°33'39"E
	Buoy "H" Y, pillar, "X" topmark, QY 36°59'57.0"N 126°44'56.0"E		Buoy "11" G, pillar, can topmark, Fl G 4s 34°59'56"N 128°33'22"E
	Buoy "J" Y, pillar, "X" topmark, QY 36°59'46.0"N 126°44'48.0"E		Buoy "13" G, pillar, can topmark, Fl G 4s 34°59'51"N 128°33'05"E
	Buoy "K" Y, pillar, "X" topmark, QY 36°59'53.0"N 126°44'12.0"E		Buoy "15" G, pillar, can topmark, Fl G 4s 34°59'47"N 128°32'49"E
	Buoy "L" Y, pillar, "X" topmark, QY 37°00'00.0"N 126°43'57.0"E		Buoy "17" G, pillar, can topmark, Fl G 4s 34°59'42"N 128°32'32"E
	(24(315)02 Inchon)		Buoy "19" G, pillar, can topmark, Fl G 4s 34°59'38"N 128°32'15"E
95140	15Ed. 10/7/95 LAST NM 40/02 Delete Light (24(314)02 Inchon)	41/02 35°13'06"N 129°13'54"E	Buoy "21" G, pillar, can topmark, Fl G 4s 34°59'34"N 128°31'59"E
95144	9Ed. 5/15/99 LAST NM 38/02 Substitute Solid line for dashed line joining	41/02 34°57'14"N 128°25'45"E 34°57'26"N 128°25'44"E 34°57'26"N 128°25'51"E 34°57'46"N 128°26'13"E 34°57'51"N 128°26'13"E 34°57'51"N 128°26'07"E	Buoy "22" R, pillar, cone topmark, Fl R 4s 34°59'52"N 128°31'50"E
	Add Double solid line (breakwater) [F4.1] between 34°57'02"N 128°25'44"E 34°57'02"N 128°25'52"E		Buoy "23" G, pillar, can topmark, Fl G 4s 34°59'25"N 128°31'34"E
	Light Fl R 6s 15m 7M HORN Light Fl(4) Y 8s 12m 7M	34°56'58"N 128°25'58"E 34°56'58"N 128°26'22"E	Buoy "24" R, pillar, cone topmark, Fl R 4s 34°59'43"N 128°31'26"E
	Buoy "27" G, pillar, can topmark, Fl G 4s 34°58'36"N 128°29'19"E		Buoy "25" G, pillar, can topmark, Fl G 4s 34°59'01"N 128°30'29"E
	Buoy "28" R, pillar, cone topmark, Fl R 4s 34°58'53"N 128°29'07"E		Buoy "26" R, pillar, cone topmark, Fl R 4s 34°59'19"N 128°30'20"E
	Buoy "35" G, pillar, can topmark, Fl G 4s 34°57'15"N 128°27'15"E		Buoy "27" G, pillar, can topmark, Fl G 4s 34°58'36"N 128°29'19"E
	Buoy "36" R, pillar, cone topmark, Fl R 4s 34°57'30"N 128°27'00"E		Buoy "28" R, pillar, cone topmark, Fl R 4s 34°58'53"N 128°29'07"E
	(42(536)00, 35(454)02 Inchon)		Buoy "29" G, pillar, can topmark, Fl G 4s 34°58'17"N 128°28'50"E
95146	14Ed. 5/14/94 LAST NM 40/02 Substitute Solid line for dashed line joining	41/02 34°57'14"N 128°25'45"E 34°57'26"N 128°25'45"E 34°57'26"N 128°25'51"E 34°57'46"N 128°26'13"E 34°57'51"N 128°26'13"E 34°57'51"N 128°26'07"E	Buoy "30" R, pillar, cone topmark, Fl R 4s 34°58'32"N 128°28'35"E
	Change Height of light to 14m	35°06'22"N 128°40'49"E	Buoy "31" G, pillar, can topmark, Fl G 4s 34°57'56"N 128°28'18"E
	Add "Marine farm" area bound by dashed line joining	34°56'06"N 128°27'22"E 34°56'06"N 128°27'34"E 34°56'00"N 128°27'34"E 34°56'00"N 128°27'22"E	Buoy "32" R, pillar, cone topmark, Fl R 4s 34°58'11"N 128°28'03"E
	"Marine farm" area bound by dashed line joining	34°55'54"N 128°27'24"E 34°55'54"N 128°27'34"E 34°55'47"N 128°27'34"E 34°55'48"N 128°27'24"E	Buoy "33" G, pillar, can topmark, Fl G 4s 34°57'36"N 128°27'46"E
	"Marine farm" area bound by dashed line joining	34°55'55"N 128°27'08"E 34°55'55"N 128°27'16"E 34°55'50"N 128°27'16"E 34°55'50"N 128°27'08"E	Buoy "34" R, pillar, cone topmark, Fl R 4s 34°57'51"N 128°27'32"E
	Double solid line (breakwater) [F4.1] between 34°57'02"N 128°25'44"E 34°57'02"N 128°25'52"E		Buoy "35" G, pillar, can topmark, Fl G 4s 34°57'15"N 128°27'15"E
	Depth 18.3 meters Wk [K26] Depth 18.7 meters Wk [K26] Depth 18.4 meters Wk [K26] Light Fl R 6s 15m 7M HORN Light Fl(4) Y 8s 12m 7M	34°56'21"N 128°32'32"E 34°56'22"N 128°32'47"E 34°57'53"N 128°34'19"E 34°56'58"N 128°25'58"E 34°56'58"N 128°26'22"E	Buoy "36" R, pillar, cone topmark, Fl R 4s 34°57'30"N 128°27'00"E
	(39(399)99, 7(57), 42(536)00, 35(454, 455)02 Inchon)		Buoy "37" G, pillar, can topmark, Fl G 4s 34°56'51"N 128°26'49"E
95147	13Ed. 5/14/94 LAST NM 40/02 Change Height of light to 14m	41/02 35°06'22.0"N 128°40'49.0"E	Buoy "38" R, pillar, cone topmark, Fl R 4s 34°57'17"N 128°26'31"E
	Add Buoy "7" G, pillar, can topmark, Fl G 4s [Q130.1]		Buoy "A" Y, conical, "X" topmark, Fl G 4s 34°58'05"N 128°26'40"E
			Buoy "B" Y, conical, "X" topmark, Fl G 4s 34°57'48"N 128°27'08"E
			Buoy "C" Y, conical, "X" topmark, Fl G 4s 34°57'07"N 128°27'22"E
			Buoy "D" Y, conical, "X" topmark, Fl G 4s 34°56'23"N 128°27'03"E
			Buoy "E" Y, conical, "X" topmark, Fl G 4s 34°56'15"N 128°26'10"E
	(39(399)99, 4(34)00 Inchon)		
95149	9Ed. 6/12/99 LAST NM 38/02 Delete Beacon (24(314)02 Inchon)	41/02 35°13'06"N 129°13'54"E	
95160	13Ed. 8/19/95 LAST NM 27/02 Delete Light (24(314)02 Inchon)	41/02 35°13.1'N 129°13.9'E	

95177	1Ed. 11/20/93 LAST NM 18/02 Delete Buoy (See 44/01-95177)	41/02 35°59'07.3"N 129°33'38.6"E	Depth 2.3 meters Depth 2.4 meters Depth 2.3 meters Depth 1.1 meters Depth 0.9 meter	34°45'58.5"N 134°35'16.8"E 34°45'57.5"N 134°35'15.6"E 34°45'58.2"N 134°35'17.0"E 34°45'54.8"N 134°35'16.4"E 34°45'53.1"N 134°35'18.1"E
95262	13Ed. 4/18/98 LAST NM 18/99 Delete Depth 6 meters Depth 8.8 meters Depth 6.6 meters Depth 9 meters	41/02 39°47'01.0"N 140°02'05.0"E 39°46'46.0"N 140°01'54.0"E 39°46'30.0"N 140°02'05.0"E 39°46'14.0"N 140°01'39.0"E	Position circles "Pile" between	34°45'53.8"N 134°35'16.6"E 34°45'54.8"N 134°35'20.0"E
	Substitute Depth 4.5 meters for 8.8 meters	39°46'19.0"N 140°02'00.0"E	Depth 5.9 meters Depth 6.1 meters Depth 6.6 meters Depth 6.9 meters Depth 6.4 meters Depth 1.1 meters Depth 2.7 meters Depth 2.3 meters Depth 2.6 meters Depth 2.6 meters Depth 2.6 meters Depth 2.8 meters Legend "Being reclaimed"	34°46'13.0"N 134°37'06.8"E 34°46'11.0"N 134°37'01.2"E 34°46'08.5"N 134°36'58.2"E 34°46'05.4"N 134°36'59.4"E 34°46'09.7"N 134°37'05.0"E 34°46'24.0"N 134°36'01.2"E 34°46'23.0"N 134°36'01.4"E 34°46'22.0"N 134°35'59.9"E 34°46'20.5"N 134°36'01.0"E 34°46'20.5"N 134°36'03.2"E 34°46'18.1"N 134°36'02.3"E 34°46'18.1"N 134°36'05.6"E 34°46'06.7"N 134°36'15.0"E
96020	4Ed. 3/9/96 LAST NM 7/02 Add Wreck [K29] (51(8527)00 St. Petersburg)	41/02 45°19.0'N 150°15.1'E	Relocate Buoy from 34°46'02.3"N 134°35'12.9"E to 34°46'02.9"N 134°35'16.2"E Buoy from 34°45'54.1"N 134°35'14.5"E to 34°45'53.9"N 134°35'18.4"E Buoy from 34°45'51.2"N 134°35'18.8"E to 34°45'49.2"N 134°35'19.7"E	34°46'02.3"N 134°35'12.9"E 34°46'02.9"N 134°35'16.2"E 34°45'54.1"N 134°35'14.5"E 34°45'53.9"N 134°35'18.4"E 34°45'51.2"N 134°35'18.8"E 34°45'49.2"N 134°35'19.7"E
96441	1Ed. 5/27/57 LAST NM 43/01 (Plan A) Delete Legend "Works in progress (1998)"	41/02 59°33'40"N 150°42'38"E	Substitute Depth 1.6 meters for 2.7 meters Depth 5.4 meters for 1.4 meters Depth 5.6 meters for 0.9 meter	34°46'02.3"N 134°35'17.5"E 34°45'57.1"N 134°35'17.4"E 34°46'24.0"N 134°35'59.7"E
	Add Depth 2 fathoms 4 feet Obstn [K41] Depth 4 fathoms 2 feet Obstn [K41]	59°33'43"N 150°42'59"E 59°33'43"N 150°43'03"E	Add Depth 5.2 meters Depth 1.7 meters Depth 5.3 meters Depth 5.5 meters Position circle "Pile" [F22] Depth 2.5 meters Depth 1.8 meters Depth 5.3 meters Depth 5.2 meters Depth 2.9 meters Foul [K31] Depth 1.5 meters Foul [K31] Depth 4 meters Foul [K31] Depth 4.4 meters Foul [K31] Depth 4.5 meters Foul [K31] Depth 4.2 meters Foul [K31] Depth 5.9 meters Depth 5.9 meters Depth 6 meters Depth 1.6 meters	34°46'02.0"N 134°35'15.7"E 34°46'00.0"N 134°35'17.8"E 34°45'59.5"N 134°35'15.9"E 34°45'55.3"N 134°35'18.1"E 34°45'53.9"N 134°35'19.8"E 34°46'12.6"N 134°37'03.3"E 34°46'10.0"N 134°37'00.0"E 34°46'07.1"N 134°37'02.3"E 34°46'09.2"N 134°37'06.0"E 34°46'07.2"N 134°36'53.7"E 34°46'09.2"N 134°36'57.3"E 34°46'06.9"N 134°36'56.9"E 34°46'07.7"N 134°36'59.7"E 34°46'04.6"N 134°36'56.9"E 34°46'12.1"N 134°37'01.1"E 34°46'22.5"N 134°35'58.9"E 34°46'19.5"N 134°36'00.0"E 34°46'17.8"N 134°36'00.0"E 34°46'17.7"N 134°36'06.4"E
	(15(2121, 2122)02 St. Petersburg)		Land tint to area bound by shore and solid line joining	34°46'17.1"N 134°36'05.0"E 34°46'19.9"N 134°36'16.0"E 34°46'18.6"N 134°36'16.6"E
96480	3Ed. 9/23/95 LAST NM 8/02 Delete Depth 27 meters, blue tint and enclosing depth contour in vicinity Depth 22 meters, blue tint and enclosing depth contour in vicinity Depth 16 meters, blue tint and enclosing depth contour in vicinity Depth 20 meters, blue tint and enclosing depth contour in vicinity	41/02 54°20.3'N 155°10.5'E 55°01.6'N 155°05.0'E 55°06.6'N 155°17.5'E 55°13.2'N 155°05.5'E	Land tint to area bound by shore and solid line joining	34°46'21.5"N 134°35'46.8"E 34°46'19.5"N 134°35'48.2"E 34°46'20.0"N 134°35'49.4"E 34°46'22.4"N 134°35'52.0"E 34°46'23.0"N 134°35'54.0"E 34°46'22.0"N 134°35'55.4"E 34°46'23.2"N 134°35'57.0"E 34°46'28.5"N 134°35'55.1"E 34°46'29.0"N 134°35'54.7"E
96500	6Ed. 6/17/95 LAST NM 8/02 Add "CAUTION NO 6" area bound by purple dashed-line circle, radius 4 miles, centered	41/02 52°47.0'N 158°57.0'E	Land tint to area bound by shore and solid line joining	34°46'30.2"N 134°35'56.4"E 34°46'24.0"N 134°35'58.8"E 34°46'25.8"N 134°36'04.8"E 34°46'26.5"N 134°36'04.5"E
	Caution No. 6 to CAUTIONS note "6. Submerged obstructions exist in the area."	52°50.0'N 157°20.0'E	(29(1221)98 Tokyo)	
	Purple dashed-line circle "Unexploded ordnance"	52°55.3'N 158°47.5'E		
	(15(2113, 2114)02 St. Petersburg)			
96800	4Ed. 2/28/98 LAST NM 19/02 Add Wreck [K29] (51(8527)00 St. Petersburg)	41/02 45°19'00"N 150°15'05"E	Land tint to area bound by shore and solid line joining	34°46'18.1"N 134°36'02.3"E 34°46'20.5"N 134°36'03.2"E 34°46'18.1"N 134°36'05.6"E 34°46'06.7"N 134°36'15.0"E 34°46'13.0"N 134°37'06.8"E 34°46'11.0"N 134°37'01.2"E
96904	2Ed. 7/9/77 LAST NM 27/02 Add Depth 1 fathom (18(2616)02 St. Petersburg)	41/02 43°42'13"N 145°27'34"E		
97218	3Ed. 8/23/97 LAST NM 21/02 Delete Depth 2.4 meters Depth 2.2 meters Depth 2.6 meters Depth 2.3 meters Depth 2.6 meters Depth 2.6 meters	41/02 34°46'04.0"N 134°35'20.1"E 34°46'02.2"N 134°35'14.6"E 34°46'00.5"N 134°35'15.0"E 34°46'00.7"N 134°35'16.2"E 34°46'00.0"N 134°35'19.0"E 34°45'59.5"N 134°35'22.0"E		

(continued on next page)

SECTION I

97231	(Continued)		
	Depth 6.6 meters	34°46'08.5"N	134°36'58.2"E
	Depth 6.9 meters	34°46'05.4"N	134°36'59.4"E
	Depth 6.4 meters	34°46'09.7"N	134°37'05.0"E
Add	Land tint to area bound by shore and solid line joining	34°46'17.1"N 34°46'19.9"N 34°46'18.6"N	134°36'05.0"E 134°36'16.0"E 134°36'16.6"E
	Land tint to area bound by shore, chart border and solid line joining	34°46'25.0"N 34°46'25.8"N 34°46'26.5"N	134°36'01.5"E 134°36'04.8"E 134°36'04.5"E
	Depth 1.6 meters	34°46'17.7"N	134°36'06.4"E
	Depth 5.2 meters	34°46'09.2"N	134°37'06.0"E
	Depth 2.9 meters Foul [K31]	34°46'07.2"N	134°36'53.7"E
	Depth 1.5 meters Foul [K31]	34°46'09.2"N	134°36'57.3"E
	Depth 4 meters Foul [K31]	34°46'06.9"N	134°36'56.9"E
	Depth 4.4 meters Foul [K31]	34°46'07.7"N	134°36'59.7"E
	Depth 4.5 meters Foul [K31]	34°46'04.6"N	134°36'56.9"E
	Depth 4.2 meters Foul [K31]	34°46'12.1"N	134°37'07.1"E
	Depth 2.5 meters	34°46'12.6"N	134°37'03.3"E
	Depth 1.8 meters	34°46'10.0"N	134°37'00.0"E
	Depth 5.3 meters	34°46'07.1"N	134°37'02.3"E
(29(1221)98 Tokyo)			
97261	15Ed. 1/31/98 LAST NM 18/02	41/02	
Substitute	Disused submarine cable [L32] for submarine cable in vicinity	34°11'42"N 132°34'42"E	
(29(1231)98 Tokyo)			
97266	5Ed. 7/5/97 LAST NM 37/02	41/02	
Substitute	Disused submarine cable [L32] for submarine cable in vicinity	34°01'42"N 132°46'48"E	
(29(1231)98 Tokyo)			
97267	16Ed. 2/21/98 LAST NM 40/02	41/02	
Substitute	Disused submarine cable [L32] for submarine cable in vicinity	34°11'42"N 132°34'34"E	
(29(1231)98 Tokyo)			
97281	2Ed. 11/19/88 LAST NM 44/96	41/02	
Substitute	Disused submarine cable [L32] for submarine cable in vicinity	33°26'28.0"N 132°22'51.0"E	
(Plan A)			
Substitute	Disused submarine cable [L32] for submarine cable in vicinity	33°26'28.0"N 132°22'51.0"E	
(30(1265)98 Tokyo)			
97286	6Ed. 7/19/97 LAST NM 36/02	41/02	
Delete	Position circle "R Lt"	33°54'20.3"N 33°54'20.8"N	130°53'02.6"E 130°53'03.6"E
Add	Double solid line with land tint (breakwater extension) [F4.1] between	33°54'20.3"N 33°54'20.8"N	130°53'02.6"E 130°53'03.6"E
(28(1193)98 Tokyo)			
97382	2Ed. 9/6/97 LAST NM 36/99	41/02	
Delete	Depth 5.6 meters	32°13'00.0"N	130°23'01.0"E
Add	Double solid line with land tint (breakwater) [F4.1] between	32°13'00.7"N 32°12'59.1"N	130°23'00.7"E 130°23'02.6"E
	Position circle "R MAST" [E28]	32°12'44.7"N	130°22'53.2"E
(28(1185)98 Tokyo)			

SECTION I

Chart 11373

NM 41/02

HORN ISLAND PASS PASCAGOULA HARBOR AND BAYOU CASOTTE CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2002 AND SURVEYS TO JUN 2002					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (NAUT. FEET) LENGTH (NAUT. MILES) DEPTH (FEET) MLLW
HORN ISLAND PASS CHANNEL	40.7	40.3	33.2	8-00	450 4.4 40
PASCAGOULA CHANNEL	32.3	34.2	35.7	11-01; 1,6-02	350 10.8 38
TURNING BASIN	36.2	38.0	38.0	1-02	950 0.4 38
BAYOU CASOTTE CHANNEL	39.4	42.0	39.8	6-02	350 3.3 42
TURNING BASIN	42.0	42.0	42.0	6-02	1000 0.3 42

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11374 (Side B)

NM 41/02

HORN ISLAND PASS PASCAGOULA HARBOR AND BAYOU CASOTTE CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2002 AND SURVEYS TO JUN 2002					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH (FEET) MLLW
HORN ISLAND PASS CHANNEL	40.7	40.3	33.2	8-00	450 4.4 40
PASCAGOULA CHANNEL	32.3	34.2	35.7	11-01; 1,6-02	350 10.8 38
TURNING BASIN	36.2	38.0	38.0	1-02	950 0.4 38
BAYOU CASOTTE CHANNEL	39.4	42.0	39.8	6-02	350 3.3 42
TURNING BASIN	42.0	42.0	42.0	6-02	1000 0.3 42

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11375

NM 41/02

HORN ISLAND PASS PASCAGOULA HARBOR AND BAYOU CASOTTE CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2002 AND SURVEYS TO JUN 2002					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH (FEET) MLLW
HORN ISLAND PASS CHANNEL	40.7	40.3	33.2	8-00	450 4.4 40.0
PASCAGOULA CHANNEL	32.3	34.2	35.7	11-01; 1,6-02	350 10.8 38.0
TURNING BASIN	36.2	38.0	38.0	1-02	950 0.4 38.0
BAYOU CASOTTE CHANNEL	39.4	42.0	39.8	6-02	350 3.3 42.0
TURNING BASIN	42.0	42.0	42.0	6-02	1000 0.3 42.0

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18649

NM 41/02

SAN FRANCISCO BAY TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2002					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY
MAIN SHIP CHANNEL: ENTRANCE	52.0	53.8	53.5	54.2	7-02
					2000 3.5 55

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 41/02

Chart 18649

NM 41/02

RICHMOND HARBOR AND SOUTHAMPTON SHOAL CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH (FEET)
SOUTHAMPTON SHOAL CHANNEL	43.5	43.7	43.9	43.3	4-02	600 1.1 45
RICHMOND HARBOR						
ENTRANCE CHANNEL	37.0	37.0	37.4	37.4	4-02	600-550 1.0 35
POINT POTRERO REACH	36.1	36.4	36.5	33.6	4-02	500-600 1.4 35
POINT POTRERO TURN	37.2	37.6	36.8	36.2	4-02	600-1250 0.6 35
HARBOR CHANNEL	37.1	37.4	37.4	37.0	4-02	850-200 0.5 35
SANTA FE CHANNEL	28.2	30.0	30.0	29.4	2-99,4-02	200 0.5 35-30
TURNING BASIN	28.6	30.1	29.1	24.1	2-99	200-500 0.16 30

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18653

NM 41/02

RICHMOND HARBOR AND SOUTHAMPTON SHOAL CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH (FEET)
SOUTHAMPTON SHOAL CHANNEL	43.5	43.7	43.9	43.3	4-02	600 1.1 45
RICHMOND HARBOR						
ENTRANCE CHANNEL	37.0	37.0	37.4	37.4	4-02	600-550 1.0 35
POINT POTRERO REACH	36.1	36.4	36.5	33.6	4-02	500-600 1.4 35
POINT POTRERO TURN	37.2	37.6	36.8	36.2	4-02	600-1250 0.6 35
HARBOR CHANNEL	37.1	37.4	37.4	37.0	4-02	850-200 0.5 35
SANTA FE CHANNEL	28.2	30.0	30.0	29.4	2-99,4-02	200 0.5 35-30
TURNING BASIN	28.6	30.1	29.1	24.1	2-99	200-500 0.16 30

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 38/01 THROUGH NM 41/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
11	2	38/01	11311	23	15*,21/02	11364	38	39*,44,51/01;5,8,10,11, 13,16,17,22,25,30,33,35,	11469	5	45,46/01;4,5,8,15,24,27, 35/02
50	5	5,8,17/02	11312	3	2*,4,7,8,21,26,28,36/02	11365	16	1*,14,40/02	11470	35	2*,4,24,27/02
51	1	7/02	11313	22	45/01;4,31/02	11366	6	40,41,42,43,47,49/01;5,6, 7,10,11,12,13,14,16,18, 22,24,25,26,28,33,39, 40/02	11472	30	39/01;16,26,27,28,29, 30/02
52	1	14,18/02	11314	21	43/01;4,8,14/02	11367	31	52/01;5,12,16,17,25, 33/02	11474	10	43/01;16/02
53	2	5,17/02	11315	30	37/02*	11368	22	38/02*	11475	16	40,50/01;16,27/02
71	4	43/01	11316	38	41*,45/01;4,11,13,14,16, 21,25,36,37,40/02	11369	43	44,51/01;5,8,12,16,17,25, 30,33,35,38,39/02	11476	19	16/02
103	5	44/01	11317	29	20*,21,25,37,40/02	11370	23	2*,5,6,17,31,33,40/02	11477	6	N43,N46/01;N2,N16/02
108	9	38,42/01;12,13,32,35/02	11318	1	N46/01;N6,N7,N12,N21, N29/02	11371	35	47/01*;9/02	11478	19	43/01;2,4,15,16,31/02
120	6	38,44/01	11319	30	45/01;11,13,25,40/02	11372	29	40,44,47/01;6,7,9,12,17, 23,27,30/02	11479	4	N43,N50/01;N5,N8,N12, N15,N24,N27,N28,N29, N35/02
121	5	38/01	11320	1	N46/01;N8,N9,N28/02	11373	42	31*,33,37,40,41/02	11480	37	49/01;6,32,35/02
125	7	44/01	11321	29	12*,22,28,39,40,41/02	11374	30	40,41,45,48/01;4,6,7,8,9, 10,17,23,25,27,28,29,31, 37/41/02	11481	3	43/01;2,4,15,16,31/02
126	39	44/01	11322	27	46*,48/01;21,22,24,36, 37/02	11375	34	41,42,44/01;4,6,7,8,9,10, 17,23,25,28,31,37,41/02	11484	21	15,16/02
145	16	38/01	11323	59	26*,28,33,37,39/02	11376	48	9*,13,15,16,21,22,23,25, 27,29,31,40/02	11485	32	48/01*;15,34/02
302	1	41,42/01	11324	32	2*,24,25,31,33,37/02	11377	4	26*,40/02	11487	19	9/02*
310	20	38,42/01	11325	34	19*,21,24,35,37/02	11378	31	10*,16,18,22,23,25,27, 30,32,40/02	11489	33	46*,49/01;11,24/02
400	3	38/01;23,26,31,32,33, 35/02	11326	30	41,43,44,46/01;4,5,6,7,8, 9,10,11,15,16,21,22,24, 25,31,33,36,37/02	11379	34	41,42,44/01;4,6,7,8,9,10, 17,23,25,28,31,37,41/02	11490	17	46/01;2/02
401	5	42/01;22,23,26,31,33, 35/02	11327	30	41,46/01;5,7,10,11,16,21, 22,24,28,37/02	11380	38	18*,32,40/02	11491	33	46/01;2,18,22,28,29,30, 34,37,38/02
411	48	41,42/01;1,11,13,16,22, 23,26,31,32,33,35,40/02	11328	22	46/01;6,7,9,10,21,36,37, 39/02	11381	49	19*,22,27,30,32/02	11492	19	9/02*
500	7	43/01;5/02	11329	34	12*,21,24,36,37,39/02	11382	32	42/01;1,3,10,18,22,30, 32/02	11493	9	N44/01;N11,N24,N39/02
501	11	6,8,10,34,38/02	11330	13	38,40,41,42,43,44,45,47, 48,49/01;4,6,7,8,9,10,11, 12,15,16,17,19,22,24, 25,26,28,29,30,31,33,34, 36,37,39,40,41/02	11383	49	19*,22,27,30,32/02	11494	8	N44/01;N11,N12,N24, N39/02
508	2	42/01;15,24/02	11331	18	44/01*;11,17,23/02	11384	32	42/01;1,3,10,18,22,30, 32/02	11495	16	19/02*
509	4	14/02	11332	27	38,42,43,45,48/01;6,8,11, 12,21,22,23,28,30,31,34, 36,37,39/02	11385	25	23/02*	11496	9	N44,N49/01;N6,N32, N35/02
513	6	40,45,48/01;5,17,38/02	11333	1	N46/01;N28/02	11386	32	2*,7,8,11,18,23,28,33, 37/02	11498	16	19/02*
514	6	40/01	11340	66	38,42,44,45,46,47,48, 49/01;4,5,6,7,8,9,10,11, 12,13,14,15,16,17,19,22, 23,24,25,26,27,28,29,30, 31,32,33,34,35,36,37,39, 36,37,39/02	11387	22	23*,27,33,34,37/02	11502	28	44,49/01;11/02
520	127	5,8,20,38/02	11341	38	44,45,48/01;6,7,9,10,11, 12,16,17,19,22,23,24, 25,26,28,29,30,31,33,34, 36,37,39,40,41/02	11388	16	49/01;7,10,17/02	11503	39	38*/39/02
521	11	5,17/02	11342	51	40/01;7,11,14,17,21,23, 24,30,37/02	11389	32	2*,7,8,11,18,23,28,33, 37/02	11505	1	41,50/01;4,11,16,18,26, 28,31,34,40/02
522	87	14,18/02	11343	36	47/01*;7,17,21,23,37, 40/02	11390	22	23*,27,33,34,37/02	11506	39	40,46/01;5,12,18,25,32, 35,39/02
523	8	5,17/02	11344	34	45*,47,51/01;5,7,10,12, 13,16,17,19,24,28,30,38, 40/02	11390	29	45/01*;8,23/02	11507	30	49/01*;1,24,34/02
525	12	14,18/02	11345	30	10,12,16,40/02	11391	22	45/01;1,6,8,18,23,33, 34/02	11509	27	12*,20/02
526	10	39/01;7,9,12,18/02	11346	32	47,48,51/01;6,7,10,11,12, 16,17,23,24,30,38/02	11392	6	2,10,34/02	11510	18	42/01*;34/02
530	30	29*,26,37,38,40/02	11347	32	10,12,16,40/02	11393	20	5*,7,8,11,18/02	11511	16	12/02*
531	21	18/02*	11348	19	46*,48/01;23/02	11394	34	9*,11,12,39/02	11512	58	10,15,16,18,20,26,28,31, 34,40/02
532	17	40,44/01;5,17,38/02	11349	40	38/02*	11395	29	38,49/01;4,18,32/02	11513	23	38,49/01;4,18,32/02
540	16	42/01	11350	24	15/02*	11396	21	15,23/02	11514	26	37*,40/02
550	7	42/01;18,24/02	11351	37	40,45/01;5,6,8,9,10,11, 12,15,16,19,22,27,28,30, 33,36,37,38,40/02	11397	17	10/02*	11515	17	10/02*
601	4	14/02	11352	35	2*,5,6,7,8,12,14,16,17, 22,24,26,27,37,38,39, 40/02	11398	18	15/02*	11516	29	7*,18,24,37/02
602	6	12/02	11353	2	21*,24,25,26,35,38/02	11399	27	15/02*	11517	17	46*,49/01;32/02
604	5	39/01;12,18/02	11354	23	47/01*;5,6,8,12,15,16,19, 22,27,28,33,37,38,40/02	11400	27	38/01	11518	32	39/01;6,15,16,32,35/02
605	4	39/01;9,12/02	11355	24	37/04/02	11401	13	44/01*;17,21,24,39/02	11520	40	31*,39,40/02
606	1	39/01;9/02	11356	34	45*,47,51/01;5,7,10,12, 13,16,17,19,24,28,30,38, 40/02	11402	40	46*,49/01;6,17,21,23,24, 28,30,39/02	11521	26	15*,17,23,35/02
607	1	39,42/01;7/02	11357	35	21*,24,25,26,35,38/02	11403	4	10*,17,21,23,24,39/02	11522	19	45/01*
621	5	39,42/01;7,22/02	11358	51	23*,24,26,37,38/02	11404	16	12*,15,17,21,23,24,28, 29,30/02	11523	21	15*,17,32,35/02
622	9	39/01;9,12,14,20/02	11359	11	22*,26,39/02	11405	11	40/01	11524	45	13*,16,21,32,35/02
623	9	14/02	11360	39	41,47/01;5,6,7,8,9,10,11, 12,13,14,15,16,17,19,22, 23,24,25,26,27,28,29,30, 31,32,33,34,35,36,37,39, 40/02	11406	26	1,5,20,39/02	11525	6	N38,N43,N45,N48/01; N2,N12,N14,N17,N19, N23,N39,N40/02
624	3	22/02	11361	69	13*,16,17,19,22,24,25, 26,27,31,34,36/02	11407	7	N42/01;N1,N20,N24, N39/02	11527	16	47/01;12,37/02
632	8	15,24/02	11362	4	N38,N39,N41,N42, N47/01;N5,N6,N7,N8, N10,N12,N13,N14,N16, N17,N18,N22,N23,N24, N28,N29,N31,N33,N36, N39,N40/02	11408	17	21,24,36/02	11531	21	31/02*
703	4	41/01	11363	38	26*,29,35,38,40/02	11409	35	42/01;21,22,24/02	11532	20	15*,37/02
705	3	41/01;12/02	11364	24	37*,40/02	11410	35	31/02*	11534	31	2*,9,13,14,32,32/02
706	4	41,43,44/01	11365	34	42*,45/01;9,11,12,13,28, 29,39,40/02	11411	32	12/02	11535	12	12*,25/02
800	4	40/01;17/02	11366	35	36*,37,40/02	11412	20	16/02	11536	15	19*,40/02
803	1	8,17/02	11367	19	46*,48/01;23/02	11413	12	31/02*	11537	33	7*,8,9,13,17,20,23,31,32, 33,39,40/02
1113A		1,5,20,39/02	11368	40	38/02*	11414	25	15/02*	11539	18	48/01;9,23,39/02
1114A		9*,11,23,39/02	11369	24	15/02*	11415	39	39,42,45,46,48/01;13,36/02	11541	32	48/01;1,2,8,13,18,20,21, 30,39/02
1115A		41,47/01;5,6,7,10,12,13, 14,16,17,18,22,23,24,28, 29,31,33,36,39,40/02	11370	37	40,45/01;5,6,8,9,10,11, 12,15,16,19,22,27,28,30, 33,36,37,38,40/02	11416	35	38/02*	11542	15	39/02
1116A		38,42,44,45,46,47,48, 49/01;4,5,6,7,8,9,10,11, 12,13,14,15,16,17,19,22, 23,24,26,27,37,38,39, 40/02	11371	35	2*,5,6,7,8,12,14,16,17, 22,24,26,27,37,38,39, 40/02	11417	35	38/02*	11543	22	45/01;13,18,29,39/02
11004	7	38,41,42,43,49/01;4,7,8, 9,10,11,12,13,15,16,18, 22,26,28,31,37,39,40/02	11372	34	42*,45/01;9,11,12,13,28, 29,39,40/02	11418	33	42,50/01	11544	37	36/02*
11006	30	28*,36,39,40/02	11373	35	36*,37,40/02	11419	30	50/01	11545	59	43,45/01;1,8,13,18,20,21, 25,29,30,37/02
11009	36	2*,5,12,19,23,24,32, 35/02	11374	11	22*,26,39/02	11420	26	42,45/01;36/02	11547	35	22*,25,29,30,37/02
11013	44	18*,20,35/02	11375	39	41,47/01;5,6,7,10,12,13, 14,16,17,18,22,23,24,28, 29,31,33,36,39,40/02	11421	35	38/02*	11548	37	45/01;2/02
11300	38	26*,28,30,31,37,39,40, 41/02	11376	39	41,47/01;5,6,7,10,12,13, 14,16,17,18,22,23,24,28, 29,31,33,36,39,40/02	11422	18	45/01	11549	18	45/01
11301	23	47/01*;7,10,14,21,37/02	11377	69	13*,16,17,19,22,24,25, 26,27,31,34,36/02	11423	5	42/01;5,28/02	11554	16	47/01*
11302	29	34*,37/02	11378	4	N38,N39,N41,N42, N47/01;N5,N6,N7,N8, N10,N12,N13,N14,N1						

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 38/01 THROUGH NM 41/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12214	43	43/01;5,11,12,23,26, 27/02	12363	39	41/01;2,3,14,18,28/02	13303	11	41,42/01;1,8,9,20,25, 41/02	14767	19	41/01**
12216	26	11,23/02	12364	33	20*,22,28/02	13305	28	1,8,25,40,41/02	14769		N31/02*
12221	72	47/01*;1,2,5,7,11,23,31, 33,34/02	12365	26	41/01;2,18/02	13307	10	52/01*	14772	17	1*,15/02
12222	42	13*,27,30,33,34,38/02	12366	27	3,14/02	13308	11	14,40/02	14773	16	15,19/02
12224	22	34,39/02	12368	25	2,14/02	13309	27	40,41/01	14775		N31/02*
12225	53	28*,30,31/02	12369	25	31/02*	13312	20	40/01;5,21,36/02	14776		N31/02*
12226	16	2*,22,30/02	12370	18	39/02*	13313	19	40/01;21,25,41/02	14777		N31/02*
12228	28	40/01;30,31/02	12371	22	40/01;28/02	13315	11	19/02*	14782	24	21,22/02
12230	58	40/01;5,10,14,21,23,31, 35/02	12372	30	38,41,42/01;2,8,9,12,21, 22,23,32/02	13318	18	38*,41/02	14785	16	22/02
12231	26	9*,14,31,35/02	12373	14	50/01*	13321	8	40/01	14786	13	5*,24/02
12233	34	40/01	12375	21	22/02	13322	9	19/02*	14800	9	40/01;19,23/02
12235	29	12*,30,31/02	12377	14	22,25,37/02	13324	13	5,41/02	14802	30	40,47/01
12237	26	14,27/02	12401	7	31/02*	13325	14	5/02	14804	24	20/02*
12238	36	1,14,16,31,34/02	12402	8	31*,33/02	13326	12	41/02	14805	23	40/01
12241	21	9*,14,16,34/02	13000		N38,N41,N42,N52/01; N8,N11,N12,N13,N21, N25/02	13394	3	39/02*	14806	23	40/01
12243	13	5/02				13396	4	13/02*	14810	4	40/01;19/02
12245	60	12*,14,15,27,30,33,38/02				13398	3	19*,36/02	14811	16	47/01
12248	39	18*,30,33,40/02	13003	45	41,42,43,44,47,52/01;2,8, 11,12,13,19,21,23,25,36, 37/02	14002	57	41/01;21/02	14812	3	19/02
12251	23	10,35/02				14003	6	41,42/01;11,12,13,16, 25/02	14813	20	24/02
12252	23	45/01;5,33,34/02	13006	30	39/02*	14008	76	41/01;21/02	14815	22	47/01
12253	42	9*,33,38/02	13009	29	43,44,48,52/01;2,11,13, 20,21,25,37/02	14009	3	45/01	14816	23	40/01
12254	43	38/02*				14010	5	38/01;21,35/02	14820	18	31*,35,38,39/02
12255	15	13/02*	13200	33	13*,25,37/02	14014	82	45/01	14822	30	40/01
12256	13	19*,33/02	13201	10	13*,N38,N42,N43,N44,N47, N52/01;N13,N25,N37/02	14018	6	16/02	14824	25	24/02
12261	28	37/02*				14024	5	33,36,39/02	14826	26	46/01;21/02
12263	51	38/02*	13203	12	52/01;37/02	14040	65	40/02	14829	5	46/01;21/02
12264	28	38/02*	13204	12	13/02	14061	27	41/01	14830	29	41/01;18,23,39/02
12266	27	30/02	13205	36	38,41,44,51/01;9,12, 37/02	14083	30	41*,47/01;33/02	14832	33	41/01;7,20,24,26/02
12268	10	22/02*				14085	6	39,41/01	14833	25	7,20,26/02
12270	31	50/01*;3,5,8,14,21,27, 36/02	13209	23	41,44/01;14,37/02	14086	4	39/01	14835	31	43/01;39/02
12272	29	26*,27,36/02	13211	13	9,21,23/02	14087	58	39/01;33/02	14836	26	8,32/02
12273	53	26*,31,36/02	13212	34	38/01;9,12,21,23/02	14088	10	41/02*	14837	27	26/02*
12274	33	37/02*	13213	39	38,42/01;8/02	14089	29	41/02*	14838	2	35,37,38/02
12277	31	26/02*	13214	27	34/02*	14090	2	39/01;33/02	14839	35	44/01;7,21,24,37/02
12278	72	26*,36/02	13215	17	44,51/01;9,14/02	14091	6	41/02*	14842	12	41/01*;4,18,23,39/02
12280	3	37/02*	13216	1	N12/02	14094	6	41/01	14843	22	23,39/02
12281	49	50/01;15/02	13217	14	46/01;14/02	14105	19	41/01	14844	31	4,18/02
12282	33	31/02*	13218	38	39,42/01;11,29/02	14115	2	41/01	14845	26	4,18/02
12283	24	3,5/02	13219	12	49/01*/14/02	14144	29	21/02	14846	11	42/01;18,23,24,39,40/02
12285	34	40/01;27,39/02	13221	53	41/01*;2,4,15,29/02	14151	2	37/02	14847	30	24,40/02
12286	28	40/01;2/02	13223	36	36/02*	14168	N39/01		14848	56	9*,23,24,31/02
12287	17	2/02	13224	36	7/02*	14180	38	38,40,41/01;21/02	14850	51	21*,23/02
12288	19	40/01;2,27/02	13226	5	42/01;2,4,5/02	14181	3	40/01	14852	44	9*,20,23,25,26,37/02
12289	47	40/01;39/02	13227	13	42/01*;2,4,5/02	14184	N38,N40/01		14853	13	21*,23,24,25,26,31,37/02
12300	42	43,44,50,52/01;17,18,19, 28,29,37,39/02	13230	45	39/01;11,39/02	14185	2	3/02	14854	13	44/01;24/02
12301	21	N20*,N28,N29,N37, N39/02	13232	4	11,39/02	14189	2	38/01	14860	35	8*,21,24/02
12304	42	28/02*	13233	16	39,42,49/01;17/02	14190	2	39/01	14862	28	26/02*
12311	41	46/01*;2,4,15,18,28, 31/02	13235	5	17/02	14200	2	39/01	14863	30	5*,10,24/02
12312	51	45/01*;4,5,8,9,18,21,27, 31,33/02	13237	38	42,49,51/01;2,4,17/02	14204	21	19/02	14864	26	45*,46/01;24,37/02
12313	48	46/01*;5,9,14,18,21,27, 31,33/02	13238	14	42,49/01	14208	28	40/02	14865	16	43/01
12314	29	2,5,6,10/02	13241	15	21*,34/02	14221	26	40/02	14867	25	6,32/02
12316	28	44/01*;11,26,27,37, 39/02	13244	39	22/02*	14225	17	38/02	14869	26	9/02*
12317	31	15*,26,37/02	13246	36	41,45/01;11,26,27/02	14226	32	40/02	14871	2	21/02
12318	40	43/01;19,39/02	13248	36	41,45/01;11,26,27/02	14227	28	40/02	14872	3	21/02
12323	23	43,48,50/01;19,40/02	13250	8	50/01*	14228	11	40/02	14873	2	35/02
12324	29	48,50/01;1,18/02	13253	17	41/01;20,26/02	14230	20	19/02	14880	30	33/02
12326	48	1,12,17,18,27,28/02	13260	38	28*/36/02	14232	31	38/02	14881	31	28*,33/02
12327	95	19*,20,21,22,28,30,33, 35,37,38/02	13263	7	N38,N41,N42,N43,N44, N45,N47,N48,N52/01; N2,N8,N11,N20,N21, N25,N27,N36/02	14234	28	40/02	14883	42	6,17,23/02
12331	29	40,41,43/01;4,15,22/02	13264	103	5,21,36/02	14235	13	34/02	14885	20	41/01*
12332	21	40,43/01;15,22/02	13267	30	6*,12,17,19,27/02	14236	8	39/01;19,34/02	14890	13	17,24,31/02
12333	31	40,41,43/01;2,3,4,9,15, 20,21,22,28,30,33,35, 38/02	13270	59	44,49/01;2,3,5,9,17,19, 33,34,40/02	14237	5	19/02	14892	28	24,25,31/02
12334	64	40,43/01;3,22,27,30, 33/02	13272	47	41/01;3,11,19,28,40/02	14238	3	39/01	14893	22	41/01;8,23,32/02
12335	39	6/02*	13274	24	47,49/01;3,5,17,19,27/02	14239	6	16,17,26,33,37,40/02	14894	25	41/01;5,17,31,32/02
12337	22	8,15,20,28,31/02	13275	27	41,44,47,49/01;2,5,17,19, 27/02	14244	2	37,40/02	14895	29	43,47/01;31,35,37/02
12339	43	5/02	13276	21	19,27/02	14245	5	35/02	14897	25	2*,13,17/02
12341	25	22/02*	13281	17	41/01	14246	4	39/01	14898	17	41/01;13/02
12343	18	37/02*	13283	18	49/01;11/02	14248	37	35/02	14899	22	25,31/02
12347	29	43/01;25/02	13285	10	49/01;11/02	14250	6	39/01	14901	20	41/01*
12348	33	25/02	13286	29	39*,40/02	14252	7	16/02	14912	16	43,46/01
12350	57	39/02*	13287	11	48/01	14253	13	40/02	14916	9	42/01
12352	29	9*,12,13,34/02	13288	40	41,44/01;2,9,11,15*,20, 23,29,36/02	14254	5	37,40/02	14917	23	17/02
12354	39	9*,12,14,22,28,33,37/02	13290	34	44,45/01;2,10,20,36, 40/02	14255	4	33/02	14918	26	42/01;25/02
12358	18	41/01;14,37/02	13292	36	20*,36,40/02	14256	14	41/01*	14919	27	50/01;10,24/02
12359	57	39/02*	13293	33	26*,29/02	14257	30	41/01**	14922	19	26/02*
12352	29	9*,12,14,22,28,33,37/02	13295	10	42/01	14258	3	41/01**	14924	27	28*,32/02
12354	39	9*,12,14,22,28,33,37/02	13301	20	41/01;1,9,25,33/02	14259	30	41/01**	14926	9	43,47/01;18,31,32,35, 37/02
12358	18	41/01;14,37/02	13302	21	3*,8,9,20,25,41/02	14260	30	41/01**	14927	24	21*,31,32,35,37/02

SECTION I

NM 41/02

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 38/01 THROUGH NM 41/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14937	23	42/01;13,17,02	16709	22	15/02*	18020	36	1,6,8,20,34,37/02	18558	37	19*,39/02
14938	23	43/01	16711	2	15/02*	18022	33	13*,23,34,37/02	18561	11	42,43,45,52/01;10,33, 39/02
14942	25	35/02	16713	2	13/02*	18400	42	38,39,40/01;4,6,10,11, 15/02	18580	21	49/01*;10,26,33,38, 39/02
14961	11	39/01	16741	9	47/01	18401	12	5/02	18581	16	38,42,43,45,49,52/01;4, 33,39/02
14962	19	47/01	16760	10	43/01	18402	22	4/02	18583	38	42,43/01;4,7,31,33/02
14965	20	43/01	16762	9	26/02*	18403	21	4/02	18584	47	45*,48/01;7,30,39/02
14967	22	10/02	17003	4	8,9/02	18405	12	47,48/01	18587	68	46/01*;7,11,14,25,30,33, 39/02
14970	25	6,40/02	17005	10	38/01;8,9,11,41/02	18406	5	44,47,48/01;5/02	18588	36	42,43,48/01;32,33/02
14972	25	41,45/01;21/02	17008	12	8,13/02	18407	5	47,48/01;4,8/02	18600	14	15*,33,37,38,40/02
14974	24	40/01;32/02	17300	29	1/02*	18408	4	47,48/01	18601	13	6/02
14975	32	43/01;21,24/02	17302	18	21/02*	18409	8	44,47/01;11/02	18602	11	43,49/01;26,32,33/02
14984	9	18/02*	17303	9	15,37/02	18411	N42/01		18603	15	37,40/02
14999	14	41/01**	17316	20	28/02*	18412	10	43,45/01	18620	23	35/02*
15562	N41/02		17320	15	15/02	18413	15	43/01	18622	52	49/01;26,28/02
15744	N30/02		17323	10	49/01	18414	9	43,45/01;8/02	18623	11	42*,47/01;34/02
15880	N41/02		17324	13	49/01	18415	8	39,45,47/01;5,13/02	18626	15	37/02
15926	N9/02		17326	13	49/01	18416	6	10/02	18640	24	13,15,24/02
16003	16	18/02*	17327	20	49/01;1/02	18420	1	13/02	18643	16	24/02
16004	11	52/01;9/02	17330	7	15/02	18421	44	20*,26/02	18645	24	41/01;15,19/02
16005	9	52/01	17331	7	46/01	18423	32	39,40,43,47/01;4,5,6,7,8, 9,15,17,26,32,39/02	18649	62	42*,43,45,52/01;3,8,11, 12,15,19,20,23,33,36,38, 41/02
16006	33	40,47/01	17360	32	47/01*	18427	21	35/02*	18650	51	28*,33,38,41/02
16011	35	5,38/02	17372	10	2/02	18428	9	19/02*	18651	41	12/02
16012	21	45/01;38/02	17375	20	45/01	18429	8	40/01;4/02	18652	31	2*,8,11,18,19,20,23,26, 27,30,33,38,41/02
16013	28	44/01;17,22,29/02	17379	1	15*,20/02	18430	7	28/02*	18653	9	43,45,46/01;3,8,11,15,19, 36,38,41/02
16016	19	43/01	17381	10	13/02*	18431	5	30/02*	18654	42	28*,38/02
16041	8	13/02*	17383	1	31/02*	18432	4	40,42/01;5/02	18655	58	10*,19/02
16042	7	39/02*	17384	7	50/01	18433	4	5,15/02	18656	52	38,39,41,42/01;1,19,23, 26,27,30/02
16043	7	52/01	17400	16	47/01;14,15,36/02	18434	5	39,43/01;15,26/02	18657	18	38,42/01;19,26,27,30/02
16044	7	52/01	17403	13	52/01*	18440	25	38,40,42,47,49,50/01;1,4, 6,7,9,12,15,17,22,33, 39/02	18658	29	23,26,27/02
16045	7	52/01	17409	10	39/02*	18441	42	30*,32,39/02	18659	14	39/01;1,26,30/02
16046	6	52/01	17412	2	12/02	18443	15	7,8,17,39/02	18660	1	39,44/01;30/02
16061	8	19*,27,37/02	17413	2	42/01;13,14/02	18444	5	7,8,17,39/02	18661	26	39,41,44/01;23,27,30/02
16062	7	52/01	17414	3	41/02	18445	29	38,40,42,48,49,50/01;1,4, 6,7,8,12,15,17,22,28,32, 33,39/02	18662	20	39/01;30/02
16063	7	52/01	17416	3	13/02	18446	15	4,6,8/02	18663	4	44/01;23,27/02
16064	6	52/01	17420	26	47/01*;14,36,37/02	18447	26	4,11,27/02	18666	1	9*,26/02
16065	6	52/01	17421	1	14/02	18448	32	45*,48,50/01;12,15,17, 33/02	186680	30	47/01;15/02
16066	6	52/01	17425	6	18/02*	18449	17	38,50/01;15,17/02	18685	31	47/01;25/02
16067	7	52/01	17426	13	37/02	18450	16	38,41/01	18700	21	8,34,36,37/02
16081	6	52/01	17427	7	11,12,14,16/02	18452	16	17/02	18704	12	37/02
16082	6	52/01	17429	2	N38/02*	18453	23	42,48,50/01;28,38/02	18720	31	45,47/01;1,8,23,35/02
16101	6	1/02*	17430	10	50/01	18454	4	N41/01	18721	11	8,35/02
16206	7	45/01;2/02	17434	11	11/02	18455	2	N38,N42,N46,N49/01; N17,N22,N39/02	18722	3	8/02
16220	5	6/02	17437	8	14,16/02	18456	19	42/01;12/02	18723	3	8/02
16322	7	46/01	17438	12	42/01;10,12,14,16/02	18457	9	12,15/02	18725	26	41,45,47/01;4,8,23,35/02
16338	3	43/01	17443	12	8,10/02	18458	14	38,40,42,49/01;1,6,7,17, 22,32,39/02	18740	39	42*,51/01;1,8,16,20,23, 34,37/02
16363	12	38/02*	17444	4	10,12/02	18459	5	N38,N40,N42/01;N1,N7, N17,N22,N32,N39/02	18741	18	N41,N51/01;N1,N25/02
16380	13	48/01;13,17/02	17445	2	42/01;12,16/02	18460	10	15,28,40/02	18744	30	37/02
16382	10	48/01;13,17/02	17460	N12/02		18464	22	9,32/02	18746	34	7*,20,23,34/02
16435	5	27/02	17471	N15/02		18465	34	38,40/01*;26/02	18749	38	7*,10,16,18,20,23,25,27, 40/02
16440	13	37/02	17480	4	8,15/02	18466	17	42,48,50/01;15,17/02	18751	42	7*,10,16,20,25,27,40/02
16441	7	37/02	17485	4	16/02	18467	19	42/01;12/02	18754	16	44/01;36/02
16442	6	3,37/02	17489	19	8/02	18468	17	38/01	18755	10	1/02
16460	15	45/01	17491	3	8/02	18469	10	15,28,40/02	18758	6	35/02*
16471	11	45/01	17495	2	8/02	18470	34	38,40,42,49/01;1,6,7,17, 22,32,39/02	18760	6	N41,N43,N51/01;N1,N8, N16,N23,N34,N35/02
16475	9	45/01	17503	4	11/02	18471	8	13*,32/02	18761	2	N41/01;N20/02
16476	10	38/02	17506	N8/02		18473	6	40,49/01;4,6,8,12,22/02	18762	15	41/01;20/02
16521	5	27/02	17513	N42,N46/01;N8,N11/02		18474	6	41,42,48,50/01;15,17,	18763	9	41/01;20/02
16531	7	18/02*	17515	7	42,46,47/01;8,11,12/02	18475	33/02		18765	15	18*,25/02
16566	10	17/02	17517	8	42,44,46,47,48/01;4/02	18476	17	38/01	18766	7	41,51/01;25/02
16568	12	39/02*	17518	7	38,42,43,44,45,47,48/01;	18477	5	46/01*;4,12/02	18768	4	N41,N51/01;N25/02
16575	1	39/02		6/02		18478	28	28*,40/02	18769	2	N41/01;N21,N20/02
16580	11	42/01*;39/02	17519	13	47,48/01;4/02	18479	10	52/01;28,40/02	18772	46	41/01;20/02
16590	10	38/02*	17520	2	N42,N46,N47/01;N4/02	18480	14	52/01;15,28,40/02	18773	38	42/01*;4,8,18,20,23, 25/02
16596	12	39/02*	17521	N8/02		18481	14	52/01;15,28,40/02	18774	10	35/02*
16597	8	47/01;16/02	17525	N8/02		18482	18	29*,32,33,39/02	18775	2	N41/01;N20/02
16599	6	47/01;16/02	17528	N8/02		18483	28	19*,22,32,39/02	19002	9	N42,N44/01;N23,N25, N37/02
16604	11	22/02*	17541	3	8/02	18484	10	52/01;12/02	19004	36	46/01*;23,25,35,37/02
16606	11	37/02*	17543	17	9,11,13,41/02	18485	14	52/01;15,28,40/02	19007	16	42/01
16640	24	47*,48/01	17545	13	9/02	18486	28	19*,22,32,39/02	19008	4	42/01
16645	18	13/02*	17546	22	9,13/02	18487	8	40,49/01;4,6,8,12,22/02	19009	4	42/01
16646	12	5/02*	17548	28	43,45/01	18488	28	28*,40/02	19010	16	42/01;23,25,37/02
16647	3	43,48/01	17549	6	43/01;13/02	18489	10	52/01;28,40/02	19013	16	44/01;25/02
16660	28	46/01*;7,13,22,25,29/02	17550	4	15/02	18490	64	47,48/01;18/02			
16661	6	40/01*	18000	8	1,8/02	18491	24	42/01;10,33,39/02			
16662	6	41/01*;3,22,29/02	18002	6	N1,N8/02	18492	51	49/01*;3,7,10,12,15,25, 33/02			
16663	6	43/01;3,7,13,22,25,29/02	18003	18	41,48/01;10,26,33,38,39,	18493	33	18*,26,28,31,33/02			
16665	7	43/01;7,13,22,25,29/02	18005	4	N6,N8,N20,N34/02	18494	33	39,45/01;4,7,11,14,15,28,			
16680	10	47/01;6/02	18007	31	42,46,47/01;6,10,14,20, 26,33,34,37,38,39,40/02	18495	33	31,33/02			
16681	10	37/02*	18008	7	N42,N46,N47/01;N6, N10,N14,N20,N26,N33,	18496	55	48/01;4,7,11,15,16,28,31, 33/02			
16682	14	47/01;6/02	18009	2	N34/02	18497	21	42/01;16,31/02			
16700	27										

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 38/01 THROUGH NM 41/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	
19320	16	23,27,35,37/02	22183	3	39/01;20/02	24102	3	37,41/02	25017	5	41/01;9,12/02	
19324	22	27,35/02	22190	2	30/02	24110	3	27,29/02	25018	9	N42*,46/01;9,12/02	
19327	10	23/02	22205	2	14,16/02	24120	9	47/01	25400	1	23,26,35/02	
19330	9	6/02*	22221	20	42,45/01;20/02	24121	10	47/01	25480	1	47/01;20/02	
19339	1	N25,N35/02	22222	1	45/01	24130	14	40,47,48/01;24,29/02	25481	25	47/01;4,26/02	
19340	26	25,35/02	22259	4	40/01;20/02	24131	8	48/01	25482	16	47/01	
19341	9	7/02*	22262	3	46/01	24132	13	10/02	25483	20	52/01	
19347	17	25/02	22263	1	45/01	24140	18	46/01;4,32/02	25484	23	11/02*	
19350	11	27/02	22264	2	40,45/01;20/02	24149	1	32/02	25485	45	23,26/02	
19351	9	25/02	22275	3	40,45/01;20/02	24150	27	40,46/01;6,27,29,30, 32/02	25487	2	23,26/02	
19357	21	22,37/02	22282	17	19/02	24151	4	29,32/02	25524	43	49,51/01;11,33/02	
19358	20	28/02*	22283	3	N19/02	24152	2	30/02	25526	2	49,51/01;11,19,33/02	
19360	1	N37/02	22290	4	40,45/01;20/02	24153	6	10,30/02	25527	31	51/01;11,33/02	
19366	36	13*,31/02	22293	15	40,45/01;20/02	24154	12	10/02	25528	5	21/02	
19367	37	22,31/02	22331	2	N39/01	24156	2	22/02	25550	2	17,19,24/02	
19369	5	22,31/02	22341	9	1,19/02	24159	1	27/02	25563	50	17,33/02	
19379	1	N44/01;N25/02	22342	9	19/02	24160	21	40,43/01;6,27,28/02	25565	7	33/02	
19380	14	44/01;25/02	22343	1	N45/01;N1,N19/02	24161	11	48,49/01;11,27/02	25566	27	17/02	
19381	8	25/02	22347	5	N19/02	24162	9	39,48/01;1,4,11,22,27/02	25567	16	19/02	
19385	7	20/02*	22351	1	N45/01	24164	6	10,27/02	25570	3	52/01;19,31/02	
19387	9	N25/02	22352	6	39/01	24171	19	43/01	25575	4	52/01;4,31/02	
21008	62	39/02	22361	2	N7/02	24180	15	48/01	25600	47	38/01;24/02	
21014	72	38,45/01	22371	5	46/01;7/02	24200	14	6/02	25601	34	10,17,19,20/02	
21017	50	23,41/02	22375	1	N19/02	24211	7	24/02	25608	21	10,17/02	
21020	42	23,41/02	22379	1	N46/01	24220	14	27,28/02	25609	5	46/01;30/02	
21023	41	38/01;5,34/02	22381	1	N19/02	24222	3	27/02	25611	22	46/01	
21026	47	38/01;5,13/02	22395	2	4,19/02	24223	33	18/02	25613	2	5,14,30/02	
21033	46	52/01;14,20,32/02	22406	1	N1/02	24230	20	48/01;10,18,30/02	25640	40	28/02*	
21141	23	38/01	22407	1	N1/02	24233	15	36/02	25641	26	5*,30/02	
21182	34	1,39/02	22409	4	N45/01	24234	3	30/02	25644	12	38/01	
21301	13	1/02	22410	32	4,7,11/02	24240	5	40,47,51/01;30,39/02	25645	17	15/02*	
21342	28	41/02	22411	1	N46/01**	24250	5	40,47,51/01;30,39/02	25646	7	N38/01	
21384	3	23/02	22412	2	7/02	24251	23	40,47,51/01;24,34/02	25649	18	41,45/01;18,30,35/02	
21401	20	40/01	22418	2	46/01;24,36/02	24252	5	40,47,51/01;30,39/02	25650	33	22*,30/02	
21441	27	47/01;1,34/02	22420	2	46/01	24260	5	34/02	25663	27	19/02*	
21483	1	51/01	22421	4	N4,N7,N11/02	24270	3	24,27/02	25668	18	15*,16/02	
21489	1	13/02	22425	2	39/01;7,11/02	24290	3	44,46/01;36/02	25670	41	26,38/02	
21500	1	5/02	22427	1	N4/02	24291	4	36/02	25673	15	28/02	
21510	1	13/02	22429	1	N45,N46/01;N24/02	24292	4	44/01;36/02	25677	19	4,21/02	
21520	1	5/02	22430	6	44/01	24293	6	6,32,36/02	25681	15	41/01;4/02	
21521	14	5/02	22433	3	41/01;39/02	24294	22	6,36/02	25683	17	45/01;30/02	
21529	1	14/02	22436	2	39/02	24311	4	27/02	25687	11	12,15,35/02	
21540	36	5/02	22471	31	38/01;18/02	24312	4	27/02	25689	9	39/01*	
21601	4	14/02	22481	35	45/01	24319	1	46/01	25700	3	8,12/02	
21602	1	28/02	23000	5	48/01;18/02	24320	4	46/01;27,28,34/02	25710	2	8,12/02	
21605	7	19/02	23010	4	27,38/02	24322	6	28,34/02	25720	3	8,12,33/02	
22004	38	39,52/01;18,20,23,30,32, 34,36,39,41/02	23023	4	27/02	24350	2	31/02	25723	40	8/02	
22008	35	38,45,52/01;1,4,13,18,30, 34,36,39,41/02	23051	9	47/01	24370	1	34/02	25724	3	8/02	
22012	31	4,14,16,30,34/02	23102	6	50/01	24375	2	34/02	25800	3	24,36/02	
22032	20	46/01	23115	3	27/02	24376	1	52/01	25803	16	12/02	
22036	28	18/02	23121	7	48/01;30/02	24380	2	35/02	25841	9	8,10,24,36/02	
22050	4	19/02	23122	8	23,30,33/02	24388	2	35/02	25842	10	8/02	
22051	18	28/02	23123	3	30/02	24404	8	14,21,26,35/02	25845	9	8/02	
22052	6	28/02	23124	3	N48/01;N30/02	24405	10	14,26,35,36/02	25848	25	8/02	
22080	3	52/01;20,32/02	23125	4	30/02	24406	30	20,26/02	25849	13	8/02	
22082	4	4,17,19/02	23126	6	N24/02*	24408	21	4,14,36/02	26001	4	38/01	
22083	5	19/02	23127	4	N24/02*	24410	2	21/02	26050	1	47/01;13,34/02	
22090	2	38/01;30,32/02	23128	4	N24/02*	24423	2	6,8/02	26070	2	46/01	
22100	3	52/01;20,32/02	23131	7	50/01;26,31/02	24430	5	39/02	26083	14	29/02	
22101	19	52/01;16,20,32/02	23141	7	34/02	24431	14	39/02	26122	29	46/01	
22111	4	32/02	23142	10	51/01	24434	4	39/02	26125	3	47/01	
22112	3	38/01;23,25,30,32/02	23145	3	40,42/01	24444	2	6/02	26127	21	47/01;5/02	
22113	8	23,25,30/02	23150	10	48/01;1,20,37/02	24450	3	6/02	26128	50	5/02	
22114	5	16,32/02	23152	3	37/02	24452	7	16,26/02	26129	11	4,26/02	
22120	3	46/01*;8,18,23,30,34,36, 39,41/02	23153	8	52/01;20,31/02	24460	4	15,17,39/02	26130	20	47/01	
22121	9	39,43/01;1,6,8,17,23,30, 34,36/02	24000	39	51/01;27,29/02	24462	5	15/02	26140	2	8/02	
22124	2	46,52/01;17,34/02	24008	42	40/01;7/02	24463	6	24,39/02	26142	10	8,24,33/02	
22125	1	40/01;18,36/02	24012	40	6/02	24465	6	15,23,33/02	26143	10	8/02	
22126	1	36/02	24016	53	48,51/01;30,39/02	24469	1	20/02	26145	10	8/02	
22127	2	1/02	24020	47	46/01;27/02	24470	4	28,39/02	26147	31	8,10,13/02	
22128	2	52/01;8,18,41/02	24028	6	42/01*;23/02	24480	1	38/01;14,17,25,27,41/02	26148	4	8,13/02	
22129	2	52/01;1,4,30,34,36/02	24050	11	38,42,51/01;27,31,34, 38/02	24482	2	24/02	26150	1	47/01	
22142	2	38,52/01;1,39,41/02	24052	15	48,50/01;31,37,38/02	24483	2	48/01;20,24,02/02	26210	2	24,36/02	
22143	3	39,52/01;6,8,17,41/02	24053	16	48,50/01;24/02	24484	3	24/02	26220	6	47/01	
22145	2	N41/02	24055	6	37/02	24490	3	52/01;24,31/02	26229	11	17/02	
22160	2	4,30,34,39,41/02	24057	4	31,38/02	24491	3	31/02	26230	12	43/01;17/02	
22170	3	13*,30,39/02	24058	2	31,32,37,38/02	24492	20	31/02	26240	7	23/02	
22172	7	41/01;8,10,17,27,30, 39/02	24060	2	51/01;34/02	24501	3	52/01;14,17,27/02	26245	16	43/01	
22173	35	45,52/01;8,17,30,39/02	24080	5	29/02	24502	7	38,52/01;18,19,41/02	26259	2	44/01	
22180	2	30,34/02	24091	6	43/01;26/02	24504	7	38,52/01;17,18,19,41/02	26260	5	12,24/02	
22181	16	17,27,39,41/02	24092	14	26/02	24505	2	52/01;17/02	26280	7	8,23/02	
22182	6	7,8,30,34/02	24100	5	27,29/02	24509	2	52/01;17/02	26282	6	8/02	
	24101	3	37,41/02	24510	2	38,52/01;17,18,19,41/02	26284	3	8/02	26290	1	8/02
				24512	3	38/01;25,29/02	26291	1	8/02	26303	4	13/02**
				24517	2	18,19/02	26295	4	13/02**	26305	4	13/02**

SECTION I

NM 41/02

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 38/01 THROUGH NM 41/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
26306	14	8/02	35180	6	38/01	37087	7	38,40/02	37362	6	48/01;12,17,31/02
26308	4	8,15/02	35210	3	40/01;29/02	37089	12	21,28/02	37363	8	11/02
26309	26	8,17/02	35230	3	40/01;29/02	37090	8	48,49/01;7,14,27,32/02	37367	1	38/02
26320	5	42,43,50/01;5,8,12,15,24, 27,28,29,35/02	35236	2	7,38/02	37095	3	43/01;13,14,15,17,18,24, 28,32/02	37380	2	12,15,17,34,40/02
26327	2	N41/02*	35246	2	38/02	37101	9	6,15,18,27/02	37400	10	9,15,28,34,38,40,41/02
26328	2	15/02	35270	2	38/02	37103	9	12,13,15,27,29/02	37401	9	48/01;9,28,32/02
26342	19	1/02	35277	3	38/02	37104	3	12,13,41/02	37402	7	48/01;28,32,41/02
26344	10	1/02	35295	3	27/02	37106	4	12,13/02	37403	23	43,49/01;12,24/02
26345	6	1/02	35298	7	27/02	37110	11	6,12,13,15,17,18,19,24, 27,28,29/02	37420	1	43/01;9,12,34/02
27005	4	39/01;5,8,9,12/02	35299	9	8,12/02	37115	2	6,12,13,15,17,18,19,27, 28,29,33/02	37421	8	43/01
27080	4	46/01*;1,5,20/02	35300	17	12/02	37120	2	48,49/01;1,12,13,15,19, 24,27,29,39/02	37441	4	43/01;9,12,15/02
27082	6	38/01;9,18/02	35301	6	48/01;12/02	37121	11	12,13,15,24,27,29,31/02	37443	2	9,12/02
27083	39	52/01	35303	7	40/02	37125	15	15,19,24/02	37445	1	12/02
27100	2	31/02	35308	5	8,12/02	37126	8	15,41/02	37461	9	44/01
27120	4	40,44,47/01;41/02	35310	2	12,22/02	37129	6	39/02	37463	6	41,44/01
27142	5	43/01	35330	2	4,12,22,38,41/02	37134	5	38/02	38030	1	9,10,20,21/02
27163	21	9/02	35350	2	7,38,41/02	37136	6	38/02	38040	5	12/02
27183	8	5/02	35390	2	12/02	37139	9	19/02	38041	1	12/02
27186	8	5/02	35400	11	8,12,30/02	37140	33	38,48,49/01;1,15,17,19, 21,22,24,27,29,31,35/02	38044	N12/02	
28004	1	47/01;5,20,23/02	35402	3	50/01;38/02	37142	29	38,48/01;20,21,23,36, 40/02	38100	4	12/02
28050	3	13,28,34/02	35405	2	50/01;8/02	37144	15	38,48/01;13,21,35,36, 40/02	38103	N12/02	
28051	2	38/01	35420	13	12,24,30/02	37148	13	48/01;17,21,35,38/02	38105	N12/02	
28110	2	15/02*	35421	14	31/02	37150	8	38,48/01;13,16,21,22, 31/02	38460	7	18/02
28120	1	46/01	35423	6	31/02	37152	19	11,13/02	38463	2	18/02
28130	1	46/01	35424	3	30/02	37154	4	15/02	38480	6	38/01;18/02
28162	29	44,47/01;28/02	36005	2	6,7,12,13,14,15,17,24,27, 28,34,36,38/02	37156	2	47,48,49/01;1,5,8,9,15, 17,18,20,21,34,36/02	38580	8	12/02
28164	17	47/01;28/02	36010	27	8,12,16,19,20,22,24, 38/02	37157	15	38,48/01;13,21,35,36, 40/02	38603	2	4,17,21/02
28165	19	47/01	36015	2	13,17,24,27,36/02	37159	15	38,48/01;13,21,35,36, 40/02	38610	1	20/02
28170	1	38/01;4/02	36040	16	12,19,30/02	37161	14	38,48/01;13,18,21,22,31, 34/02	38670	2	9/02
28190	2	44,47/01;41/02	36046	5	38/02	37162	12	11,12,15,16,17,18,26/02	38683	3	9/02
28196	4	44/01;41/02	36060	17	8,12,16,19,31,38/02	37163	19	11,13/02	38690	2	10/02
28197	4	44/01	36062	11	40/02*	37164	4	15/02	41060	3	34/02
28202	22	41/02	36064	12	13,21,22,24,36,41/02	37165	2	47,48,49/01;1,5,8,9,15, 17,18,20,21,34,36/02	42620	5	12/02
28210	2	33,35,39,41/02	36066	14	40/02*	37166	2	38/01;8,11,12,15,16,17, 18,26/02	42740	5	2,12,34,41/02
28220	3	35,39/02	36081	16	12/02	37170	11	48/01;38/02	42742	3	2/02
28221	18	33,37,39/02	36106	7	40/01;18/02	37172	12	11,12,15,16,17,18,26/02	42760	5	2,12/02
28223	4	38,42/01;35,39/02	36117	6	18/02	37173	19	11,13/02	42762	3	N12/02
28260	30	40/01;35,37/02	36120	9	16,19,20,22,31/02	37174	13	48,49/01;1,5,8,9,15, 17,18,20,21,34,36/02	43030	24	39,40,47,48,49/01;1,11, 25,28/02
28261	10	43/01	36122	12	16,19,21/02	37176	2	38/01;8,11,12,15,16,17, 18,26/02	43040	6	2/02
28263	3	35,37/02	36123	25	16,19,21/02	37178	11	48/01;38/02	43079	2	41/02
28264	3	35,37/02	36127	5	48/01	37180	20	48/01;21,38/02	43082	5	41/02
28265	3	37/02	36137	4	38/02	37182	14	48/01;35/02	43140	4	17,41/02
28281	32	40/01;36/02	36138	3	39/02	37183	9	48/01	43144	4	17/02
28282	2	35/02	36140	12	13,21,22,24,36,41/02	37185	15	39/01;18/02	43145	4	17/02
28300	1	47/01;23,39/02	36142	6	24/02	37187	19	48,49/01;1,5,8,9,15, 17,18,20,21,34,36/02	43150	2	N17/02
28302	16	51/01;31,33,39,40/02	36143	4	18,34/02	37190	15	39,40/01;18/02	43160	6	17/02
28310	2	23,31,33,35,39/02	36161	10	47/01;13,20,24,34/02	37202	2	13,18/02	43161	2	17,41/02
28320	6	47/01;33/02	36162	10	47/01;13,20,35/02	37205	2	39/01;39/02	43164	3	17/02
28321	36	29/02	36163	13	47/01;20,31,34,35,38/02	37221	13	47,48,49/01;1,5,8,9,11, 12,15,16,17,18,20,21,24, 25,27,28,34,36/02	43220	3	43/01
28323	2	47/01;27,29/02	36164	7	34,38/02	37222	13	15,27,28/02	43223	4	41/02
28325	2	47/01;27,29/02	36165	6	1,17,18,20,22,24,28, 36/02	37224	14	2,15,27,28/02	43225	4	17/02
28330	2	27/02	36167	2	1,24,40/02	37225	14	26/02	43281	6	20/02*
29015	5	2,22/02	36173	1	40/02	37226	11	47/01;15/02	43284	4	16/02
29040	3	52/01	36180	23	13,17,20,21,22,36,40/02	37228	14	38/01;5,8,13,21,24,27/02	43285	5	15,16/02
29104	4	47/01	36181	18	17,20,21,22,36,40/02	37229	15	15,16,17/02	43300	5	15/02
29121	5	32/02	36182	6	13,20,36,40/02	37230	17	48,49/01;5,9,11,15,16,17, 19,20,21,25,28,30,39/02	43301	4	15/02
29122	5	32/02	37000	22	11,23,28/02	37231	18	38,48,49/01;9,12,15,20, 21,25,28,30/02	43303	4	41/02
35000	26	11,13,23,24/02	37005	16	17,18,23,41/02	37232	12	12,15,16,21/02	43321	6	30,41/02
35008	21	43/01	37010	23	38,48,49/01;15,16,17,18, 23,26,41/02	37234	13	38,47,49/01;1,9,12,15, 20/02	43323	4	30/02
35009	19	15,40,41/02	37015	15	17,20,27,02	37235	11	15/02	43324	4	30/02
35011	2	11/02	37025	26	38/02	37241	17	13,16,17,18,26/02	43341	7	41/02
35016	17	12,29/02	37032	2	9,12/02	37242	10	13,15,20/02	43360	21	39,47/01;17,28/02
35031	3	12,22/02	37034	2	43/01	37244	11	49/01;1,8,11,16,17,18, 26/02	43371	13	22/02
35032	16	12/02	37041	15	17,20,27/02	37245	13	38,47,49/01;1,9,12,15, 20/02	43372	4	22/02
35036	21	11,13,17,19,24,30,36/02	37042	5	17,41/02	37246	14	13,15/02	43374	1	22/02
35040	18	50/01;21/02	37043	17	13,17,20/02	37248	18	12,13,39/02	43385	1	43/01;5,27/02
35041	8	21,35/02	37044	16	14/02	37249	4	15/02	44000	16	39/01
35042	9	21,27/02	37046	8	17/02*	37250	10	13,15,20/02	44001	2	38,39,43/01
35044	9	48/01;38/02	37047	18	21,31/02	37251	3	18,24/02	44015	8	38,39,43/01;28,31/02
35047	5	13,35/02	37050	9	43/01;18,26/02	37252	14	13,28/02	44030	7	20/02
35060	14	18,22,40,41/02	37060	3	13,17,21,31/02	37253	4	15/02	44036	5	28/02
35080	16	18,22,40/02	37061	15	36,38/02	37254	10	15,28/02	44037	5	40/01
35086	5	31/02	37063	21	7,16,21,28,36/02	37261	10	15,28/02	44038	5	18/02
35099	3	41/02	37064	8	17/02*	37264	3	30/02	44040	23	38,40/01;28,02
35100	14	40/02	37065	7	19/02*	37265	3	18,24/02	44041	7	43/01
35101	6	41/02	37067	5	22/02	37268	15	30/02	44042	7	43/01;21/02
35103	5	41/02	37075	3	7,21,31/02	37270	16	12,18,26,27,28,38/02	44045	6	40/01
35120	13	40/02	37079	5	22/02	37275	8	14,18,34,39/02	44046	10	38/01;18/02
35141	11	34/02	37080	3	49/01;14,17,24,27,30,33, 34,38,40/02	37276	2	11,12,34/02	44047	22	40/01;8,26/02
35143	7	34/02	37081								

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 38/01 THROUGH NM 41/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
44062	8	8/02	51103	10	29*,33/02	53135	2	20/02	54279	3	N39,N43/01;N20/02
44063	8	49/01;13,21/02	51104	1	29*,33/02	53141	5	42/01;20,24,34/02	54280	10	11,14,15,20/02
44064	19	39/01;8/02	51109	5	44/01	53147	3	42/01;36,39/02	54281	6	39,43/01;20/02
44065	7	48/01;5,11,15,16,20,25, 30/02	51120	6	44/01	53149	2	31/02	54283	5	8,19,20/02
44066	10	16,20,27,39/02	51135	1	38,44/01	53160	14	20/02	54286	4	14,19/02
44067	22	39,49/01;5,8,11,16,21,25, 29/02	51142	2	38/01	53161	8	47/01	54287	7	7,9/02
44068	11	P49/01;1,11,13,17,18,20, 24,26/02	51143	4	14/02*	53162	6	40,41,47/01;15,20,33, 37/02	54288	5	9/02
44069	16	47,P49/01;1,5,9,11,13, 16,18,20,21,24,29,31/02	51144	3	14/02*	53164	9	40/01;20,37/02	54289	8	7,9,19/02
44070	7	49/01;9/02	51145	2	38/01	53165	13	39/02	54300	12	43/01;8,11,13,14,31/02
44071	4	9/02	51146	3	38,40/01	53166	1	47/01	54301	4	43/01
44072	4	5,21/02	51150	1	38/01	53180	10	43/01;2,33,34/02	54302	1	8,11,13,14,31/02
44073	2	5,21/02	51155	1	38/01	53181	4	42/01;2,34/02	54303	4	8/02
44075	4	47/01;5,9,11,16,17,21,29, 31/02	51160	20	38,43,44/01	53182	4	36/02	54314	2	47/01;13/02
44076	3	18,25/02	51164	18	42/01;38/02	53183	13	19*,35/02	54318	3	38,45,47/01;5,19/02
44081	9	38,47,49/01;8,15,16,17, 20,24,25,39/02	51165	8	42,43/01;25/02	53184	5	39/01;1,32,35/02	54320	4	38/01;7,13,20/02
44082	11	39,48,49/01;6,11,15,16, 17,18,21,24,25/02	51166	3	N25/02	53200	6	46,49/01;2,33,36/02	54322	7	38,49/01;5,13,19,20/02
44083	8	39,41/01;10,15,21/02	51167	6	42,43/01	53201	6	45/01	54324	8	38,45/01;19/02
44084	1	39,41/01;6/02	51168	2	42,43/01	53203	11	3/02	54327	4	20,31/02
44085	2	49/01;21,25/02	51220	8	33/02	53204	10	3/02	54329	4	5/02
44100	7	40,48,49,P49/01;1,11,13, 15,16,17,18,24,25,26/02	51225	3	51/01;27/02	53206	6	17/02	54330	2	46/01;5/02
44120	7	48,49/01;6,11,15,16,17, 18,21,26,27,28,29,31/02	51240	2	33/02	53220	6	46,49/01;2,36/02	54333	3	5/02
44140	8	39/01;4,6,16,26,27,28,29, 31/02	51260	4	46/01;37/02	53223	5	29/02	54334	3	46/01;7/02
44161	2	29/02	51300	4	27/02	53226	2	49/01;15/02	54337	3	19,31/02
44163	1	43/01	51320	3	47/01;12/02	53242	12	2/02	54339	8	7,17,31/02
44178	2	21/02	51341	23	41,42,44,46/01	53244	2	2/02	54340	8	19/02
44180	6	18,20,24,29,34/02	51344	2	46/01	53262	7	22/02	54343	10	14,19/02
44182	4	21/02	51540	3	46/01	53263	1	37/02	54344	6	14,19/02
44183	6	44/01	51559	3	41/02	53265	6	47/01;19,35,41/02	54346	8	14,19/02
44184	9	21/02	52039	3	46/01	53268	4	22/02	54360	12	43/01;15,19,20/02
44186	2	43/01;21/02	52045	6	36/02	53269	5	19/02	54363	3	15,19,20/02
44187	2	21/02	52046	21	46/01	53279	3	9/02	54365	6	15,19,36/02
44192	1	21,29/02	52051	1	41/01	53281	4	31,40/02	54366	3	15/02
44193	1	26/02	52052	1	41/01	53282	8	40/02	54367	3	15/02
44200	9	20,24,29,34/02	52061	2	46/01	53283	4	33/02	54368	4	20/02
44203	1	20,24,33/02	52062	7	42/01	53284	4	33,40/02	54369	4	43/01;13,15/02
44204	1	5/02	52080	14	42,44/01	53285	4	35/02	54372	2	20/02
44220	5	43/01	52082	3	41/01	53287	6	20,27,35/02	54380	6	41,42/01;5,19,26/02
44221	1	43/01	52084	2	41/01	53290	1	35/02	54382	9	41,42,43,45/01;26/02
44243	2	25/02	52085	3	41/01	53301	4	27/02	54386	10	43/01;7/02
44260	7	29/02	52086	2	42/01	53303	6	49/01	54387	7	41,42,43,48,50/01;6, 23/02
44280	9	29,34/02	52120	12	32/02	53306	2	21,39/02	54389	8	6/02
44284	2	41/02	52121	8	41/01	53311	3	39/02	54400	8	42,49/01;1,5,7,20,32/02
44310	5	20,29,41/02	52122	14	41/01*	54040	3	43,46/01;37/02	54403	4	42/01;6,22/02
44313	1	27,41/02	52125	1	41/01*	54041	7	40,43,47/01;18,35/02	54404	4	19/02
44319	2	38,43/01;21,41/02	52140	6	42,43,44,46/01	54043	2	40/01;15,17,18,29/02	54407	4	42/01;32/02
44320	4	38,43/01;13,23,29/02	52141	5	44,46/01	54060	5	43/01;18,37/02	54409	2	23,32/02
44321	6	13,19,22,23,29,32,40/02	52142	2	42,43/01	54061	11	41/01	54413	3	31/02
44340	11	45/01;13,16,20,21,37/02	52144	5	41/01	54080	5	8/02**	54416	5	7/02
44341	7	13,25,37,41/02	52160	7	42/01	54081	3	13/02	54418	4	42/01;32/02
44342	8	6,13,37,41/02	52161	14	42/01	54083	4	19/02	54421	6	40/01;6,7,28/02
44352	2	43/01	52170	3	50/01;3/02	54085	2	42,46/01;18,19,40/02	54422	4	19/02*
44360	9	45,50/01;8,16,20,21,34, 37,41/02	52172	2	3,11,40/02	54090	2	43/01;18,19,20,34,40/02	54423	4	43,48/01;2,37/02
44361	6	50/01;21,27/02	52180	14	42,43,50/01;2,21,24/02	54095	2	41,43,46/01;7,8,10,18,19, 21,34,39,40/02	54424	1	40/01*
44365	1	47/01	52186	3	3/02	54100	4	8/02**	54430	1	42/01;26,28,37/02
44366	1	34,41/02	52262	6	7/02	54105	2	41,43,46/01;1;8,10,16,17, 18,19,20,21,37,39/02	54440	4	41,42,43,44/01;7,30, 41/02
44367	2	15,16,18,20,22,25,26,29, 35,37,40/02	53030	14	43/01;12,14,15,17,18,19, 21,22,27,28,30,32/02	54115	2	41,42,43,46,50/01;10,11, 16,17,19,37,39,41/02	54441	6	41/01;30/02
44400	4	38,39,43/01	53061	10	43,49/01;14,19,28,30/02	54120	5	41,42,43/01;1;5,15,16,17, 18,19,20,37,39,41/02	54463	5	40/01;14/02
44401	7	13/02*	53063	8	43/01;14,19,28/02	54125	2	41,42,43,50/01;7,8,15,16, 17,18,33,37/02	54464	5	7/02
44410	4	38,39/01	53064	6	33/02	54131	2	42,44,46/01	54480	8	41,49/01;22,30,36,41/02
44420	6	39,43/01;5,36/02	53065	2	48,49/01;33/02	54160	14	8/02**	54481	8	41,43,49/01;22,30,36/02
44430	2	43,51/01;4,6,16,17,28/02	53086	8	20/02	54161	12	16,17,19/02	55001	4	6,18,29,36,37/02
44444	6	31/02	53088	7	33/02	54165	2	45,01;33,37/02	55040	4	42,43/01;13,15,18,23,27, 28,31,32,39,41/02
44461	10	39,51/01;4,6,8,12,16,17, 19,28/02	53090	1	41/02	54167	2	17,19/02	55041	7	42,43/01;15,22,32/02
44462	4	39/01;4,6,8,19/02	53093	2	20/02	54168	1	37/02	55042	1	41,43,48/01;18,21,27,
44463	9	39/01;4/02	53100	16	40,43/01;13,18,19,21,24, 28,33,39/02	54169	3	42/01;8,16,37/02	55043	2	41,42,43/01;21,23,27,28, 37,39/02
44465	2	39/01;4,6,8,12,16,17,19, 28/02	53101	7	33/02	54170	6	46,01;7,14,15/02	55044	5	41,43/01;22,23,41/02
44466	2	44/01;38/02	53104	2	20,35/02	54201	6	47/01;13,21/02	55045	2	41,42/01;18,21,23,41/02
44467	2	39/01;4,6,8,12,16,17,19, 28/02	53105	20	37/02	54220	5	47/01;7,10,13/02	55046	4	41,43/01;1;4,21,22,23,26, 27,30,31,37,38,39,41/02
44481	2	39/01;6,26,28,31/02	53106	6	19*,20,24/02	54222	4	21/02	55047	8	45/01;22,23,26,27/02
51002	7	13/02*	53107	16	35/02	54223	2	13,21/02	55048	12	41,42/01;6,23,27,32,36, 37,39,41/02
51007	22	44/01;38/02	53110	1	29,40/02	54224	2	40/01;13,21/02	55049	6	45,49/01;22,27,30,41/02
51013	4	44/01;38/02	53111	2	31/02	54225	2	21/02	55050	7	19,20,36,37/02
51017	31	46/01;37/02	53120	14	13,18,20,21,27,28,39/02	54226	2	46,47/01;7/02	55054	3	41/01;4,23,37/02
51022	11	46/01;37/02	53122	3	20,29,40/02	54227	2	46,47/01;7/02	55058	9	13/02
51022	11	46/01;37/02	53130	1	27/02	54240	11	8/02**	55100	8	41/01;29,36,37/02
51100	7	42,43,44/01	53133	3	6*,41/02	54260	3	8/02**	55101	4	48/01

SECTION I

NM 41/02

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 38/01 THROUGH NM 41/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
55105	7	48/01;6,9,12,18,29,36, 41/02	61311	5	17,33/02	62343	3	51/01	63040	2	12/02*
55110	2	41/01;4,7,23,24,29,37/02	61312	3	17,33/02	62355	6	51/01	63050	2	40,41/01;5,12,17/02
55120	2	48/01;36/02	61400	2	27/02	62360	5	18,38/02	63053	4	12*,14/02
55128	2	4,5,6,9,26,33,36,38/02	61410	2	14/02	62361	2	N18,N38/02	63054	3	19*,31/02
55129	7	6,9,33,36,37/02	61420	2	14/02	62366	3	38,40/02	63055	2	51/01*,5,14,29/02
55130	2	13,27/02	61430	2	14/02	62387	2	40/01	63060	7	41,48/01;5,12,25,28, 32/02
55131	1	27,36/02	61433	1	14/02	62388	2	40/01	63062	7	41,44,47,48,49/01;5,18, 28,29/02
55138	4	46/01	61440	2	15/02	62391	4	40/01	63063	9	40,41,49/01;5,27,29/02
55139	5	41/02	61450	2	46/01;14,17,27/02	62392	7	14*,18/02	63065	6	18/02
55150	2	49/01;4,6,7,24,28,29, 37/02	61470	2	15/02	62393	7	34,37/02	63070	3	40/01;20,27,28,29/02
55160	2	6,18,24,28,29/02	61472	1	15,20/02	62394	10	34,37/02	63080	5	42,48,49/01;1,26,27,28, 31/02
55161	1	7,29/02	61500	2	17/02	62400	17	39,41,42,47,49/01;23,24, 33/02	63090	8	41,42,44,46/01;25,31/02
55170	2	41,44,48/01;9,12,18,29, 31,36,41/02	61520	2	15/02	62401	9	11/02	63091	4	41,42,44,48,51/01;26,27, 32,39/02
55175	1	49/01;24,28/02	61522	1	15/02	62402	9	2,5,6,15,17,20/02	63092	4	41,51/01
55180	2	9,33/02	61530	2	38/01	62403	5	41,49/01	63100	2	40/01;4,15/02
55200	2	12,27/02	61538	1	38/01;15/02	62406	2	38/01;8,24,33/02	63101	15	40,41,42,44,46/01;14,17, 19/02
56031	1	41,42/01;1/02	61540	2	38/01;15,20/02	62408	7	11,15/02	63102	19	40,41,45,46,52/01;14,17, 19,26/02
56041	4	40/01	61541	8	4/02	62409	6	2/02	63103	17	40,41,43,45,52/01;14,17, 26,29/02
56042	6	40,41/01;22/02	61542	6	4/02	62413	11	33/02	63110	4	38/01;40/02
56043	6	22/02	61550	2	17/02	62419	6	33/02	63111	9	38,43,51/01;17,25/02
56044	3	38,43/01;22,38/02	61560	2	15/02	62420	5	51/01;33,37,39/02	63120	2	41,47/01
56048	2	40,41/01	61581	5	14,18/02	62429	9	39,45/01;17,27,39/02	63121	5	41,47/01
56060	8	42/01;33/02	61582	4	14,18/02	62431	8	26*,27,37/02	63150	1	14,15,25,31/02
56063	1	2,14,21/02	61591	4	8/02	62432	15	40/01;4,25,31,34/02	63200	5	41,43/01
56064	6	41/01;14,38/02	61592	4	8/02	62433	12	15,30,31,34/02	63201	9	43,48/01;40/02
56065	3	40,41,42/01;33,38/02	61610	7	28,29/02	62434	9	12*,40/02	63205	2	41,43/01
56067	2	40/01;33,38/02	61611	11	28/02	62437	9	32/02	63220	5	46/01*,26/02
56081	19	40/01;41/02	61612	4	28/02	62440	7	41/01;5,15,17,20/02	63230	6	17/02*
56082	16	40/01	61650	3	17/02	62441	10	16,36/02	63231	8	31/02
56083	2	7,31/02	62000	20	44/01;18/02	62442	6	45/01	63233	15	31/02
56100	13	42,47/01;P1,41/02	62001	4	40,48,51,52/01;2,36/02	62444	2	41,42,49/01;1/02	63250	6	14*,29,40/02
56101	6	42/01;33/02	62028	15	40/46/01;5,8,12,18/02	62446	3	47/01	63252	1	48/01
56103	6	18,30/02	62032	15	38,40,41,43,45,51/01;13,	62448	2	45/01;2,23/02	63260	5	41,43/01
56104	2	42,47/01;P1,41/02	62033	2	16,18,23,29,32,33/02	62451	7	45/01;2,21,23/02	63270	7	42,43/01
56120	12	42,44,48/01;1/02	62093	5	N38,N40,N41,N43,N45,	62453	3	25,33/02	63271	8	41,42,49/01;19/02
56141	6	45/01	62094	9	N51/01;N13,N16,N18,	62455	7	39,45,51/01;17,27,39/02	63280	3	52/01
56161	2	N42/01	62095	5	N23,N29,N32,N33/02	62456	1	39/01;27/02	63290	7	38,43,47,52/01;19,31,32, 38/02
56190	3	42/01	62096	13	13/02	62457	5	51,52/01;5,6,17,20,21,24,	63291	9	38,43,47,48/01;19,33/02
56191	2	42/01;18/02	62097	5	13/02	62460	4	6,24,31,33/02	63320	8	38,40,42,44,45,51/01;
56195	3	22,02*	62098	6	18/02	62462	1	41,49/01;1/02	63321	6	38,40,42,44,45,50/01;
56220	4	42/01	62099	5	40/01	62463	1	41,49/01;1/02	63322	2	45,49/01;30/02
57029	9	40/01	62099	7	40/01;2/02	62464	2	15*,31/02	63324	1	6/02
57035	10	46/01	62099	7	2,41/02	62468	1	38,41,43/01;13,15,18,23,	63330	9	27,39/02
57063	5	40,41/02	62099	7	2,16,41/02	62470	30	31,33,37/02	63337	15	27,31,39/02
57064	3	41/02	62099	2	2,13,31,41/02	62490	1	40,43,45,51,52/01;2,4,12,	63383	5	44,48/01
57101	18	41/02	62099	5	46/01*	62498	4	12*,23,25,27,31/02	63400	1	39/02
57161	4	31/02	62109	6	41/01*	62499	4	15*,25,27,31/02	63410	6	43/01;39/02
57380	3	40/01	62100	6	38,40,41,44/01;2,4,12/02	62510	2	6,23,31,33,34/02	63413	5	39/02
57460	4	40/01	62110	9	51/01;2,4/02	62512	5	N36,N23,N31,N33,	63420	2	43/01;39/02
57480	8	40,46/01	62120	6	46/01;11/02	62515	2	14,26/02	63440	1	39/02
57482	12	40/01	62121	9	11/02	62520	5	38,41/01;5,6,7,13,15,17,	63441	6	43/01;39/02
57484	19	46/01	62130	2	46/01	62521	3	N38,N41/01;N5,N6,N7,	63447	2	43/01;39/02
61000	20	46,51/01	62140	1	34,44/02	62530	5	N13,N15,N17,N20,N30,	63449	7	38,43,47,52/01;19,31,32,
61015	8	17/02	62142	10	24,28/02	62531	3	N31,N37/02	63450	3	30/02
61018	4	45/01;18,24/02	62143	3	43,48/01;24,28/02	62540	6	17*,18,21,23,25,26,29,	63451	1	43,46,48,49,50/01;7,9,
61020	2	17,28/02	62144	3	43/01;24/02	62541	3	31,32,34,40/02	63452	34/02	34/02
61021	3	45/01;18/02	62162	2	39,44/01	62545	4	17*,21,23,25,26,31,32,	63453	4	48/01
61036	8	8,27/02	62170	2	38/02	62550	3	33,34,36,40/02	63454	10	52/01;2,5,9,10,15,33,35,
61040	6	51/01	62171	4	38/02	62550	2	41/01;7,13,30/02	63455	5	37/02
61050	4	51/01	62177	3	42/01	62550	3	45,48/01;2,21,23,25,	63456	1	44/01;34/02
61090	5	1/02	62188	3	52/01	62550	29/02		63457	1	44/01;39/02
61110	3	12,28/02	62191	14	47,52/01;22,29,41/02	62550	4	17*,21,23,25,26,31,32,	63458	2	23,36/02
61111	12	51/01;12/02	62193	17	17*,19,31/02	62550	33,34,36,40/02	63459	1	23,36/02	
61112	10	14,17/02	62194	8	17*,18,19,31,36/02	62550	33,34,36,40/02	63460	5	44,47/01;27,34/02	
61120	4	12,28/02	62195	6	43/01;22,36,41/02	62550	33,34,36,40/02	63461	1	44/01;34/02	
61130	3	12,28/02	62220	8	47/01;8/02	62550	33,34/02	63462	1	44/01;27,34/02	
61140	5	12,27/02	62222	4	44/01	62550	33,34/02	63463	2	25/02*	
61141	6	38/02	62225	3	17*,37/02	62550	29/02	63464	1	44/01;27,02	
61142	6	38/02	62230	2	39,44,48,52/01	62550	4	17*,21,23,25,26,31,32,	63465	31	41,46,48/01;7,15,23,37,
61150	4	46/01;12/02	62241	10	40/01	62550	33,34,36,40/02	63466	38/02	38/02	
61160	3	43/01;12/02	62250	4	43,48/01;34,38/02	62550	33,34,36,40/02	63467	8	40,41,46/01;9,11,35/02	
61170	5	13,27/02	62270	4	43,48,49/01;37,41/02	62550	33,34/02	63468	5	44,47/01;27,34/02	
61171	10	13/02	62271	5	37,41/02	62550	33,34/02	63469	1	44/01;34/02	
61172	6	13/02	62285	2	42/01;26/02	62550	33,34/02	63470	1	44/01;34/02	
61180	4	20,27/02	62288	2	49/01	62550	33,34/02	63471	1	44/01;27,02	
61182	2	13/02	62290	3	38,40,42,48,49,51/01;2,	62550	33,34/02	63472	1	44/01;27,02	
61190	4	39,41/02	62290	11	11,26,37,41/02	62550	33,34/02	63473	2	23,36/02	
61191	8	12,13/02	62292	2	42/01;24/02	62550	33,34/02	63474	1	23,36/02	
61200	7	17,21/02	62295	3	42,51/01;2/02	62550	33,34/02	63475	1	39/02	
61210	6	17/02	62302	2	44/01	62550	33,34/02	63476	1	39/02	
61220	5	17/02	62310	2	6,27/02	62550	33,34/02	63477	3	16/02	
61240	7	18/02	62313	4	17*,27/02	62550	33,34/02	63478	6	45/01;33,39/02	
61250											

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 38/01 THROUGH NM 41/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
71183	13	32/02	72211	6	41/01	74234	1	2/02	75171	22	52/01;5,8,10,12,14,17,18,22,27,31,32,33,36,38,
71185	24	5,8,13/02	72223	8	44,45,48/01	74240	8	4,9,15,34,39/02			40/02
71186	2	5,8,13/02	72231	8	52/01;31/02	74251	8	4,15,17,23,25,26,31,32,34,37/02	75172	5	39/02
71210	18	45,46/01	72234	2	43,52/01	74252	9	19/02	75173	9	52/01;8,10,12,14,17,20,25,31,32,33,36/02
71211	4	45,46/01;38/02	73000	9	52/01;26,40/02	74253	6	4,11,15,17,19,23,25,27,32/02	75175	9	52/01;5,16,18,31,33,38,40/02
71212	1	46/01;18,38/02	73002	4	40,41,46,51/01;4,6,8,18,24,30/02	74261	9	15,25,41/02	75176	9	5,7,14,17,27/02
71220	3	45,48/01	73004	4	40,41,46,52/01;4,26/02	74265	2	4,11,15,17,18,19,25,31,	75177	7	5,12,18,27,38/02
71223	8	47/01;17/02	73006	2	26/02	74270	3	1,9,18,19,26,31,38/02	75180	2	3/02
71230	11	45,48/01;1,23,38/02	73008	8	40,41/01;8,16/02	74271	9	9,19,28,38/02	75185	2	22/02
71239	3	38/01;4/02	73010	3	13/02	74272	7	26,32/02	75190	2	11,23/02
71241	10	18/02	73012	5	9,10/02	74273	5	1,18,19,31,38,41/02	75191	6	3,22,25,37,38/02
71243	4	1,33/02	73016	4	43,46/01;15/02	74285	2	31,34,35/02	75193	6	22/02
71244	3	38/01	73018	3	13/02	74286	2	15,22,24/02	75207	2	36/02
71247	18	52/01;20,21/02	73020	9	3,25/02	74287	2	27,34,38/02	75208	2	14,26/02
71248	1	N18*,N20,N35/02	73022	4	13/02	74289	5	13,18,26/02	75213	2	36/02
71249	2	35/02	73024	3	39/02	74290	11	13,25,34,39/02	75215	2	1,36,39,40/02
71251	11	20,35,40/02	73030	4	4,20/02	74292	8	13,27,34,38/02	75220	12	10,14,36,39/02
71253	10	14,21,35,40/02	73032	4	47/01;4,25/02	74293	7	25,34/02	75222	8	1,18,22,35,40/02
71255	5	43/01;9/02	73041	2	51/01;18/02	74294	3	25,34/02	75240	4	14,36,39/02
71257	2	38,43/01;4,8,9,15,18,21,23,28/02	73141	5	13/02	74295	3	18,22/02	75241	6	34,36/02
71258	2	43/01;4,9,15,18,20,21,28,35/02	73191	3	45/01	74296	4	27,34,38/02	75251	5	23,33/02
71259	2	38,39,46,52/01;18,20,21,33/02	73271	7	41/01;21/02	74310	2	9/02	75261	6	13,17,21,23,24,33,36/02
71261	8	2,13,35/02	73552	4	9,25,34/02	74320	3	35/02	75262	6	12,38/02
71265	2	38,49/01;1,7,18,20,21,23,39/02	73570	7	34/02	74330	3	15/02	75263	9	17,32/02
71271	10	46/01;23,25,30,34/02	73581	4	16/02	74340	3	15,27/02	75264	17	1,16,17,19,33,34,37,41/02
71272	10	23,30,34/02	73590	6	16,31/02	74350	4	25/02			
71273	2	14/02	73601	3	12,15,17,24,26,31,34,35/02	74380	4	2,3,9,22,32/02	75265	2	13,17,20,21,24/02
71275	3	43,48,49/01;13,23,35/02	73610	4	26,31/02	74391	3	15/02	76015	1	42/01;3,4,18,23,24,29,35,40/02
71285	3	46/01;2,7,23,25,30,34/02	73631	4	36/02	74392	7	16,22,25,39/02			
71295	2	46/01;25,26,30,34,39,40/02	73640	5	23,36/02	74393	9	12,16,18,19,25,28,31,38,41/02	76020	7	8,18/02
71305	2	48/01;9,14,31,34,36/02	74000	5	2,22,25,28/02	74394	2	3,12,18,19,28,31,41/02	76030	9	9,12,24/02
71312	5	45/01	74004	2	12,13,18,35,37,39/02	74410	3	16,20,25,38/02	76041	2	2/02
71313	8	45,51/01	74005	2	9,13,18,19,31,34,35/02	74415	1	39/02	76050	8	38/01;24/02
71314	5	45/01	74006	2	26,31/02	74440	3	32,39/02	76052	8	44,52/01;1,8,12,15,21/02
71315	2	44/01;14,27,31,34/02	74007	1	36/02	74450	3	21,22,26/02	76054	5	9/02
71320	1	45/01;35/02	74008	6	9,15/02	74455	3	9,19,21,23/02	76056	3	38/01
71330	13	35/02	74009	10	3,9,20,22,25,38/02	74460	4	21,22,26,37,40/02	76060	7	40/02
71340	11	18,19,22,40/02	74012	10	52/01;17,20,22,26,37,40/02	74465	2	9/02	76061	3	40/02
71348	3	18,35/02	74015	10	52/01;20,40/02	74485	3	16/02	76070	9	38,42/01;4,9,12,23,35/02
71350	8	15,18,20/02	74017	4	3,12,17,18,37/02	74491	4	6/02	76071	9	38/01;4,23,35/02
71400	5	11/02	74020	4	16,17,33,37,38/02	74492	7	6,16/02	76080	8	42/01;3/02
71401	1	40/02	74021	7	10,13,14,20,33,35,39/02	74493	3	6,16,38/02	76081	7	38/01;9,12/02
71402	1	18,40/02	74024	7	31/02	74494	2	52/01;41/02	76083	3	40,42/01
71410	1	41,45/01;11,39/02	74030	6	10,28/02	74510	2	14,16,17,33,35,37/02	76090	6	2,9/02
71420	1	46,47,48/01;38,39/02	74042	1	6/02	74515	4	10,13,14,20,28,33,35,39/02	76110	5	23/02
71425	1	47/01	74053	2	10,28/02	74517	3	10,13,18,20,21,39,41/02	76120	6	6,22,23,25/02
71430	2	18,41/02	74054	2	28/02	74521	3	28,41/02	76121	8	4,9/02
71440	1	7,24,34,38/02	74071	4	12/02	74527	2	28/02	76141	8	4,14,19/02
71450	1	22,25/02	74151	9	4,10,20,24,27,36/02	74530	2	28/02	76146	1	2,8/02
71460	1	15,20,25,41/02	74152	11	14,36/02	74535	2	31/02	76147	1	2/02
71465	1	20/02	74153	2	4,14,36/02	74545	3	28,40/02	76150	6	35/02
71470	2	15,38/02	74162	4	10,36/02	74555	3	10,34/02	76151	7	5,22/02
72000	8	40,41/01;4,31,32,35/02	74171	4	33,36/02	74560	10	14,23,28,32,40/02	76161	10	9,40/02
72007	10	41,49,51/01;6,30,36,38/02	74172	5	2,36/02	74581	9	9,13,20,26,32,34,36,40,41/02	76170	7	29/02
72014	10	45/01;12/02	74181	8	52/01;2,11,13,23,28,33,35,37,38,39/02	74582	9	3,9,13,18,26,28,40/02	76171	10	39/01;9/02
72021	8	31,36,38/02	74182	12	52/01;1,3,5,11,13,23,24,25,26,28,33,35,37,38,39,41/02	74583	15	26,32,34,40/02	76180	1	2,4,6,18,22,23/02
72028	7	46/01;4,5,15,31,34/02	74192	3	5,24,26,28,35/02	74584	5	4,18,22,25,32,34,41/02			
72035	8	41,44,48/01;16,31/02	74193	11	11,38,39/02	74590	2	10,28/02			
72040	3	11/02	74184	10	10,13,23,24,28,33,35,37,38/02	74591	7	10,40/02			
72045	2	41,44,48,49/01;16/02	74185	11	11,38,39/02	74595	2	28/02			
72050	4	48/01	74186	7	11,18,34/02	75001	3	9,23/02			
72060	8	43,46/01;32/02	74187	7	11,18,34/02	75010	7	16,18,41/02			
72070	4	46/01;8,11,32/02	74188	7	11,18,24,27,28,37/02	75025	9	14,22,23,36,39/02			
72075	2	8,20/02	74189	7	2,13,22,23,26,35,36,37/02	75035	18	10,21,24,36,39/02			
72080	7	8,20/02	74190	2	19,22,24,26,35/02	75051	6	13,16/02			
72085	2	6,8,30/02	74191	2	5,24,26,28,35/02	75052	2	13,16/02			
72094	2	51/01;29,38/02	74192	3	5,24,26,28,35/02	75120	2	16/02	82015	13	22/02
72100	7	29/02	74200	8	1,5,14,18,21,27,28,37/02	75130	16	7,16,18,21,27,31,34,41/02	82020	7	22/02
72101	6	45/01	74201	9	27/02	75131	7	18,20,28/02	82030	8	39/01;12,18/02
72103	2	29/02	74202	3	14,16,21,24/02	75132	11	31/02	82200	2	49/01
72105	2	51/01;36,38/02	74204	5	1,13,14,21,24,27,37/02	75134	3	7,23,27,33/02	82242	1	35/02
72107	2	12,15,27,29/02	74205	2	16,24,25/02	75142	5	4,8,15,21,28,36/02	82244	5	35/02
72110	9	12,15/02	74206	2	8,24,34/02	75143	4	4,12,15,20,28,32,33,36,38/02	82253	7	49/01;35/02
72130	4	45/01;13/02	74210	7	12,25/02	75144	3	20,31,33,36/02	82374	9	22/02
72131	3	45/01;13/02	74220	8	1,6,11,13,17,23,25,26,35/02	75150	5	13,16/02	82377	2	22/02
72161	10	15/02	74221	2	11,13,35/02	75150	5	13,16/02	82580	2	19/02
72173	2	12,15/02	74222	3	6/36/02	75160	6	6,22,23,24/02	82646	2	48/01;19,33/02
72181	2	36/02	74223	7	11,13,28,39/02	75170	12	38,39/02	82649	5	42,48/01;3,18,20,33/02
72190	2	6,30/02	74231	7	39/01;1,5,6,19,23,35/02				82683	4	45,48/01;6,18,33/02
72201	2	48,49/01;5,9/02	74232	9	2,9,15/02				82684	3	48/01;3,12,18,33,38/02
72203	2	41,46,48/01;16/02									

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 38/01 THROUGH NM 41/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
82690	10	6,18,19,20/02	92120	3	43/01;5/02	94004	6	41/01;2,12,14,19,29,30, 33,37/02	95151	17	39,43,45/01;13,15,18,34, 36,37,38,40/02
82694	6	38/02	92130	3	47/01	94016	2	40/01;12,23,33,35/02	95152	5	37,38/02
82697	6	38/02	92200	3	45/01;10,19/02	94028	7	41/01;7,8,9,13,14,23,25, 40/02	95153	2	15,22,34,36,37,38/02
83020	8	7/02	92210	3	18*,19/02	94033	5	47,51/01	95160	13	39,40/01;4,7,8,9,15,27, 41/02
83021	1	25,27/02	92214	4	45/01;3,19/02	94040	13	48/01;30,37/02	95161	16	48*,51/01;4,27,31,40/02
83023	4	25,27/02	92216	3	23/02*	94060	10	39,42/01;2,5,27,29,30,33, 37/02	95162	2	39/01;20,40/02
83024	2	42/01	92230	3	45/01	94061	5	42/01;1,2,5,19,33,35/02	95163	2	44,46/01;27/02
83025	1	42,48/01	92240	3	45/01	94063	4	41/01;29,33,41/02	95167	10	46/01
83026	32	18,41/02	92242	2	45/01;3/02	94067	10	43,48/01;33/02	95169	2	4/02
83032	1	18/02	92260	2	45/01	94080	7	40,41,48,51/01;14,15,27, 29,30,33/02	95173	1	15,16,17/02
83034	1	39/01;12/02	92280	2	45/01	94082	8	40,43,51/01;5,13,14,25, 27,30/02	95174	1	17/02
83039	11	9,12,41/02	92290	2	41,43/01;7,11/02	94083	12	51/01;5,13,17,25/02	95176	2	39/01;16,20,31/02
83252	8	18/02	92293	2	43/01;7,11/02	94084	1	5,6,13,23,25/02	95177	1	44/01;18,41/02
83253	2	18/02	92296	3	43/01	94120	6	51/01;12,19,21,33,38/02	95180	11	43/01;9,15,17,18,27, 40/02
83255	2	42/01	92310	4	39,43,48/01;5,11,13/02	94122	7	51/01;19,30,40/02	95185	2	39/01;20,31,40/02
83382	9	48/01;20,25,27/02	92320	4	41,43,48/01;7,10/02	94124	13	38/02	95250	4	12/02
83383	2	48/01;20,25,27/02	92330	3	41,43/01	94127	2	21,33,38/02	95258	3	45/01
83385	19	20,27/02	92350	4	47/01	94160	7	41,42,47/01;2,26,27,33, 38/02	95262	13	41/02
83392	5	31/02	92356	2	47/01	94164	2	2,26,27/02	95264	8	6/02
83393	2	N31/02	92360	3	48/01	94165	4	14,20,26/02	95267	5	52/01;11,17/02
83397	6	8,18/02	92370	2	48/01	94180	9	39,42,46,47,48/01;26, 32/02	95268	16	39/02
83425	6	3,20,35/02	92380	3	41,48/01;7,10,11/02	94187	3	32/02	95270	4	38/01;8/02
83484	10	1/02*	92383	7	44,48/01	94203	10	46,47,48/01;22,26,41/02	95276	3	21/02*
83495	7	42/01	92385	4	44,48/01;7,10/02	94206	3	46/01;22,26,41/02	95280	9	51/01;2,17/02
83500	1	9,12/02	92400	3	39,47/01	94207	5	N42,N46,N47/01;N26/02	95300	5	2,16/02
83560	3	9/02	92410	3	39,41,47/01;10,11,14/02	94208	6	N42/01	95320	15	8,35,38/02
83570	2	39/01;5,24/02	92420	4	39/01;11/02	94216	6	40,41/01;27/02	95341	8	43/01;8,10,11,18,19/02
83572	1	24/02	92440	4	39,40,47/01	94217	4	30/02	95342	16	30/02
83574	2	39/01;5/02	92450	3	38,40/01;7,21/02	94218	3	30,36/02	96000	5	6,8/02
83580	2	12,24/02	92460	1	38/01;11/02	94220	4	46/01;22,26,41/02	96004	14	16,17/02
83633	4	40/01	92470	3	39,40,47/01;19,21/02	94280	5	41/01	96012	16	7,8,11/02
83637	4	40/01	92490	2	45,47/01	94282	9	41/01	96016	7	51/01;11,12/02
91005	6	7,10,11/02	92520	2	45,47/01	94322	14	42,46/01	96020	4	6,7,41/02
91008	1	12,29/02	92529	3	47/01	94360	6	48/01;18,32/02	96024	3	6,7,8/02
91010	6	29/02	92550	1	40,45/01	94361	13	41,43/01;18,32/02	96028	5	6,7,8/02
91020	5	38,39,40,43,45,48/01;10, 19,21,22/02	92560	4	45,51/01	94420	4	46/01;22,26,41/02	96032	3	40,48/01;38/02
91025	8	40,41,47/01;7,10,21, 22/02	93006	2	41/01;21,39/02	94421	10	15/02	96039	7	16,17,30/02
91030	3	38,40,41,43,47/01;7,10, 11,21/02	93010	6	48/01;15,17,22,27,38,40, 41/02	94423	12	19/02	96041	11	48,51/01;16,17,30/02
91040	1	43,48/01;10,11/02	93020	2	42/01;15,24,38/02	94427	2	N32/02	96042	11	47,52/01;1,16/02
91080	4	38,48/01;11,21/02	93022	4	6,18/02	95016	8	43,44/01;9,12,40/02	96043	8	51/01;16/02
91081	1	38/01	93030	6	42/01;6,18/02	95040	8	4,40/02	96044	10	49,51,52/01;1,8,29,30/02
91096	1	48/01;21/02	93032	3	46/01	95060	13	44,51/01;4,10,14,15,16, 40/02	96060	7	46/01
91120	3	41/01	93046	1	9/02	94421	10	15/02	96080	6	46/01
91140	4	41/01	93101	2	N24,N34,N38/02	94423	12	19/02	96100	2	46/01
91160	3	41/01	93110	2	41/01*;22,24,38,40, 41/02	94427	2	N32/02	96120	6	46/01;30/02
91170	2	41,48/01;38,41/02	93113	2	19/02	95016	8	43,44/01;9,12,40/02	96130	2	46/01;9/02
91175	2	41/01	93115	2	40,41/02	95040	8	4,40/02	96140	5	46,49/01;30/02
91240	5	41,44,45,47/01;7,10/02	93117	2	19,40,41/02	95060	13	44,51/01;4,10,14,15,16, 40/02	96141	4	9/02
91247	5	41,45/01	93160	4	15*,27,34/02	95065	5	51/01;4,14/02	96181	5	9/02
91280	7	39,42,45/01;19,22/02	93180	7	27,34/02	95066	11	41,44,48,51/01;4,10,13, 14,15,16,18,19,20,41/02	96200	5	8,9/02
91286	10	13,20/02	93200	4	44/01;9,26,27/02	95067	13	41,48,51/01;18,41/02	96240	4	51/01;8,11,02
91289	19	13,19,20/02	93220	6	44,47/01;17,27,34/02	95068	1	45,51/01;41/02	96300	4	11,12/02
91292	4	42/01	93240	11	44/01;17,34/02	95080	13	39,41/01;8,10,13,16,18, 25,27,30,33,40/02	96320	4	12/02
91294	8	39,42/01;10,14/02	93243	6	48/01	95082	9	39,51/01;10,13,19,21,25, 27,30,33/02	96340	4	52/01;12/02
91297	9	39,42/01;10,14/02	93245	6	44/01	95085	4	41/01;15/02	96360	4	42,43/01;12/02
91300	3	38,40,48/01;10,21,22/02	93247	4	26/02	95086	5	15/02	96379	1	42,43/01
91309	4	13/02	93260	8	44/01;27,31/02	95087	3	43,51/01;4,19,21,25,33, 40/02	96381	2	42,44/01
91314	3	40/01	93261	5	44/01;31/02	95088	8	39,01;21,25,33/02	96382	2	43,44/01
91326	2	40/01	93360	5	38/02	95089	7	41/01;15,16,18/02	96400	4	43/01
91330	1	40,44/01	93385	6	6,18/02	95095	4	41/01;15/02	96441	1	43/01;41/02
91331	3	38,39,40,48/01;10,21/02	93404	6	6/02	95096	5	15/02	96460	2	45/01
91338	2	39,40/01	93420	4	18/02	95097	3	43,51/01;4,19,21,25,33, 40/02	96480	3	6,7,8,41/02
91340	3	40,43,45,47/01;11,19,	93440	4	18/02	95100	12	41,46/01;7,8,9,10,13,14, 15,16,18,38,39/02	96500	6	6,8,41/02
91360	2	38,41,48/01;11/02	93460	7	6/02	95101	8	8,13,14,15,39/02	96521	3	N19/02*
91380	2	41,43/01	93610	3	46/01	95102	8	46/01;8,10,13,38/02	96640	5	6/02
91400	2	43/01;10/02	93650	2	46/01;19/02	95103	8	8,13/02	96645	1	26/02
91407	2	43/01;10/02	93690	2	46/01	95120	7	6,13,17,20,21/02	96760	4	5,7,29,35/02
92010	3	40,45/01;19/02	93710	3	39,41,42,43,46/01;14, 26/02	95138	8	45/01	96762	3	29/02
92020	2	45,47/01;19/02	93720	10	39/02	95140	15	46/01;7,8,10,14,15,18,22, 26,32,39/02	96763	7	52/01;29/02
92025	3	39,40,41,43,47/01;10,11, 13,21/02	93721	5	42,48/01;1,5,8,9,20,22, 26,32,39/02	95141	8	39,44/01;7,14/02	96764	2	5,19/02
92030	4	38,39,40,41,47/01;7,10, 11,19,21/02	93725	6	20/02	95142	9	15*,18,19/02	96780	4	4,11/02
92033	5	45,52/01	93726	4	47/01;26/02	95143	11	39,45,51/01;4,15,18, 40/02	96800	4	19*,41/02
92040	2	40/01	93730	3	46/01;6,21,39,40/02	95144	9	45/01;8,10,19,38,41/02	96820	4	6,19/02
92050	1	43/01	93733	13	42,43/01;1,5,6,17,21,22, 26,32,39/02	95146	14	45,46,51/01;7,10,19,36, 38,40,41/02	96840	3	6,19/02
92060	3	40,47/01;21/02	93734	11	42,43/01;1,6,17,22,26, 32/02	95147	13	46,51/01;7,39,41/02	96860	3	6/02
92061	3	40,41/01;21/02	93734	12	42,43/01;1,6,17,22,26, 32/02	95149	9	39/01;15,18,22,34,36,37, 38,41/02	96880	6	6,7,8/02
92070	3	41,43,47/01	93736	22	42,43/01;1,5,6,8,11,16, 22,26,32,41/02	95149	13	46,51/01;7,39,41/02	96881	2	7/0

SECTION I

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 38/01 THROUGH NM 41/02**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
96910	1	6,7,8/02	97230	18	39,40,41/01;2,29,36/02	801959	2	N46/01;N10/02
96937	2	40/02	97231	11	10,21,41/02	802184	4	N38/01
96938	4	9/02	97232	8	39,47/01;4,15,20,25/02	802202	8	N14,N23,N31,N35/02
96939	3	41/01	97233	11	46/01;31,33/02	802260	5	N20/02
96942	9	41/01	97234	17	46/01;29/02	802266	1	N47/01*
96960	3	9/02	97235	1	46/01	803321	1	N45/01
96962	4	19,30,35/02	97236	20	46/01;31/02	803404	2	N26/02
97005	9	51/01	97239	10	46/01;31,33/02	804037	1	N28/02
97015	10	51/01	97241	6	39,50/01	804059	2	N20/02
97021	7	2,16/02	97243	8	46/01;21,28,29,31,33/02	804567	4	N17/02
97026	10	23/02	97245	11	40,43/01;7,17,28,36/02	805647	2	N37/02
97029	3	19/02	97261	15	39,49/01;10,17,18,41/02	807861	2	N27/02
97042	7	46/01	97262	10	46/01;21,29,34/02	808528	1	N25/02
97043	2	46/01;17,23/02	97263	10	46/01	809310	9	N13,N18,N39/02
97060	8	9/02	97266	5	39,46,49/01;10,17,37, 41/02	809679	2	N25/02
97062	12	44/01;8,9,27/02	97267	16	17,18,25,29,40,41/02	809789	2	N48/01
97063	1	45/01	97269	11	20/02			
97064	2	44/01;8,9/02	97270	6	36/02			
97080	5	51/01;9/02	97271	12	45/01;17,18,25,29,37, 39/02			
97082	5	24/02	97272	11	45/01;19/02			
97083	3	9,24/02	97273	10	19,27,34/02			
97100	4	51/01;20,28/02	97274	19	43/01;19,27,31,34,39/02			
97101	1	28/02	97276	1	27,29,40/02			
97104	4	51/01;8,10,20/02	97277	11	39/01;10,17,27/02			
97105	3	51/01;8,10,20/02	97278	11	39/02			
97120	6	39/01;2,15,22,28,31,37, 40/02	97279	9	27/02			
97140	17	39/01;2,10,15,22,33,37, 39/02	97281	2	41/02			
97141	5	13*,19,21,40/02	97285	6	42,43,44/01;10,19,23,27, 31,34/02			
97143	11	41/01;2,21,31/02	97286	6	42,43,44/01;10,11,21,23, 25,27,31,34,35,36,41/02			
97144	13	41/01;21,27,31,36/02	97287	5	43/01;11,34/02			
97145	1	39,52/01;2,15,22/02	97300	6	12/02			
97146	9	41/01	97303	3	47,51/01;18,25/02			
97148	9	21*,23/02	97320	6	52/01;33/02			
97149	20	41,45/01;25,34,35/02	97340	8	27,33,38/02			
97150	13	41/01;34,39/02	97341	9	2,27,34/02			
97151	16	41/01;31,35/02	97342	14	27,38/02			
97152	8	37/02	97343	12	38/01;27,38/02			
97153	7	31/02	97360	6	39/01;20,23,27,38/02			
97154	2	36/02	97380	7	39/01;21,39/02			
97155	14	2,20,31,35,36,37,39, 40/02	97381	7	39,49/01;27/02			
97156	6	45/01;2,21,37/02	97382	2	41/02			
97157	1	35,37/02	97383	16	49/01;31/02			
97158	4	39/01	97385	10	31/02			
97159	6	39/01;33,39/02	97389	1	45/01;39/02			
97163	14	39/01;23/02	97390	5	7,31,39,40/02			
97164	1	39/01	97391	26	31/02			
97166	1	33/02	97392	5	39,49,52/01;21/02			
97167	2	23,33/02	97396	14	51,52/01;7,18,21,36,39, 40/02			
97180	6	39,40,42,52/01;8,9,11,22, 31,34,39/02	97397	7	52/01;3,8,18,25,39/02			
97181	20	39,40,42,46,51,52/01;8,9, 11,18,22,25,31,34/02	97398	3	51/01;21,25/02			
97182	13	40,50,52/01;11,18,21,23, 31,34,39/02	97400	3	25,26/02			
97183	9	39,46/01;25/02	97410	8	44,45,49,52/01;11,21/02			
97184	15	46/01;25,28/02	97412	7	40/02			
97187	3	39,46/01	97420	17	38,40,43,46,51/01;8,9,21, 34,39/02			
97188	2	50,52/01	97421	13	45/01;20,35,36/02			
97189	2	39,46/01;25,28/02	97423	2	45/01;20,35,36/02			
97190	2	40,42/01;8,9,22,34,39/02	97425	6	38,40,43,46,52/01;10,34, 39/02			
97200	9	52/01;11/02	97440	8	20,23,27/02			
97204	9	39,40/01;2,10,28,29/02	97441	5	20/02			
97206	2	10,12/02	97460	7	40/01;40/02			
97207	3	11/02	97461	9	40,42,43,49/01;4,5,21/02			
97218	3	10,21,41/02	97465	9	38,40,42,43,49/01;5, 21/02			
97219	4	51,52/01;1,10,12,21,25, 31/02	97466	2	42,46/01;5,25/02			
97220	3	39,40,42,43,46,47,50, 51/01;2,7,8,21,24,31,37, 39/02	97469	10	40,42,43,52/01;7,26/02			
97221	20	38,39,40,43,51/01;1,2,7, 8,10,11,21,24,31,37, 39/02	97471	5	N42,N43,N52/01;N7, N31/02			
97222	12	38,40/01;11,25,28/02	97472	8	42,43/01;6,7,34/02			
97223	3	40/01;8/02	97473	7	5/02			
97224	6	11,18,25,27/02	97474	7	43/01;21/02			
97225	31	39,40,42,43,46,51/01;2,7, 8,11,21,24,37,39/02	97480	7	39/01;12,21,35/02			
97226	7	39/01;17/02	97481	6	10/02			
97227	11	43,50/01;21,24/02	97483	7	39/01			
97228	15	43,50/01;2,21,28,30,39, 40/02	97521	6	19/02			
97229	12	38,41,47,51/01;2,7,8,18, 24,27,31,36,39/02	800669	8	N41/01;N20/02			
			800744	1	N22/02			
			800778	2	N48/01			
			801217	1	N42,N43/01;N5,N6,N7, N21/02			
			801885	3	N28/02			

SECTION II

NM 41/02

NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
REGION 1								
14AHA14088 (7642014010505)	<u>Halifax Harbor Bedford Basin</u>	10,000	<u>10</u>	<u>8/02</u>	A	1-30,93	41/02	
14AHA14089 (7642014010506)	<u>Halifax Harbor-Point Pleasant to Bedford Basin</u>	10,000	<u>29</u>	<u>8/02</u>	A	1-30,93	41/02	
	<u>Plan: Ocean Terminals</u> (Plan not shown on index)	5,000						
14AHA14091 (7642014010511)	<u>Halifax Harbor-Black Point to Point Pleasant</u>	10,000	<u>6</u>	<u>8/02</u>	A	1-30,93	41/02	
REGION 2								
26XNR26327 (7642014621356)	Fleet Operating Areas-Vicinity North of Berry Island	36,000	<u>2</u>	<u>7/02</u>	DS	2-64	41/02	
NMSUMV5 (7642014008425)	(Volume 5) World and Ocean Basin Charts, U.S. Coast Pilots, Sailing Directions, Fleet Guides and Other Publications			<u>2002</u>	GPO	10-25	41/02	

Price Categories effective 1 October 2002

A 17.75	E 9.00	G 4.50	I 26.25
D 10.75	F 9.00	H 2.50	R 2.50

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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Note: New editions cancel former editions. They include corrections published in the Notice to Mariners prior to the effective date of the new editions and/or important corrections from other sources. Mariners are warned against the use of obsolete charts and publications as new editions contain information essential to safe navigation; however, such new editions are not valid until their availability is announced in the weekly Notice to Mariners.

SECTION II

NM 41/02

NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS

PUB 126 7 Ed 2002 LAST NM 39/02

Page 212—Line 22/R; read:

Ranongga (Ganongga) (8°11'S., 156°35'E.), separated from
(NIMA)

41/02

PUB 127 6 Ed 2000 LAST NM 37/02

Page 32—Line 41/L; insert after:

Caution.—Due to shoaling, a least depth of 14m exists in the channel between Buoy No. 19 and Buoy No. 21 just E of Stony Point.

(Wollongong 2(91)01) 41/02

Page 104—Lines 50 to 57/L; read:

Caution.—Depths in Newcastle Harbor have been decreased by as much as 0.6m during freshets, and dredging is continually pursued throughout the harbor. Information on the latest promulgated depth for each area is available from the Harbor Master Newcastle by contacting the Vessel Traffic Information Center on VHF channel 9 or by telephoning (02) 4985 8292.

An underkeel clearance of 10 percent of the vessel's draft must be maintained while in the waters of the port; a clearance of at least 0.3m must be maintained while at berth.

(34(3644)02 Taunton) 41/02

PUB 153 9 Ed 2000 LAST NM 30/02

Page 91—Line 3/R; read:

canal. Additional information may be obtained from the website of the Panama Canal Authority.

Panama Canal Authority (ACP) Home Page
<http://www.pancanal.com>

(PUBS 026/02) 41/02

PUB 171 7 Ed 2001 LAST NM 16/02

Page 30—Line 24/L; insert after:

Durban Port Control has established a Vessel Traffic Service (VTS). The VTS system is mandatory for any vessel over 15m long and all passenger vessels. Durban Port Control VTS monitors VHF channels 9 and 16.

VTS zones are established at the harbor entrance and at 6 mile and 12 mile radii from the Fairway Light Buoy (29°50'S., 31°06'E.). Arriving vessels are to contact the VTS 15 minutes before entering the 12-mile reporting zone, at the 12-mile reporting zone, at the 6-mile reporting zone, and at the harbor entrance. Departing vessels are to contact the VTS 15 minutes before leaving berth, then at each reporting zone listed above.

Vessels are required to provide the following information to Durban VTS:

1. Vessel name.
2. Call sign, grt, loa, and draft.

3. Position.

4. ETA at reporting point of vessel entering the VTS Zone.

5. Destination.

6. ETA at destination.

7. Dangerous cargo on board.

8. ETD from a berth.

9. ETA at a location requiring a report (i.e., a reporting point).

In addition to calling in at the reporting zones, vessels are to contact VTS whenever they are required to make a maneuver considered detrimental to safe navigation. Durban Port Control VTS will advise vessels of other traffic, berthing arrangements, helicopter and launch services, and pilot arrangements.

(BA NM 18/02)

41/02

Page 32—Line 52/L; insert after:

Richards Bay Port Control has established a Vessel Traffic Service (VTS). The VTS system is mandatory for any vessel over 15m long and all passenger vessels. Richards Bay Port Control VTS monitors VHF channels 12 and 16.

VTS zones are established at the harbor entrance and at 6 mile and 15 mile radii from the South Breakwater Light at the harbor entrance. Arriving vessels are to contact the VTS 15 minutes before entering the 15-mile reporting zone, when entering the 15-mile reporting zone, when entering the 6-mile reporting zone, when entering the Deep Water Route (4 miles from the South Breakwater Light), and when passing the South Breakwater Light. Departing vessels are to contact the VTS 15 minutes before leaving berth, then at each reporting zone listed above.

Vessels are required to provide the following information to Richards Bay VTS:

1. Vessel name.

2. Call sign, grt, loa, and draft.

3. Position.

4. ETA at reporting point of vessel entering the VTS Zone.

5. Destination.

6. ETA at destination.

7. Dangerous cargo on board.

8. ETD from a berth.

9. ETA at a location requiring a report (i.e., a reporting point).

In addition to calling in at the reporting zones, vessels are to contact VTS whenever they are required to make a maneuver considered detrimental to safe navigation. Richards Bay Port Control VTS will advise vessels of other traffic, berthing arrangements, helicopter and launch services, and pilot arrangements.

(BA NM 19/02)

41/02

PUB 175 7 Ed 2001 LAST NM 37/02

Page 97—Lines 42 to 44/R; read:

Caution.—In the approach, there is a least depth of 20.1m, about 4.5 miles ENE of the terminal. A shoal with a

SECTION II

NM 41/02

PUB 175 (Continued)

least depth of 6m over it has been reported (2002) about 1.5 miles SE of the terminal and close to the S boundary of the terminal. Within 0.5 mile of the terminal, the least depth is 20.4m.

(BA NM 34/02, Section IV)

41/02

PUB 182 5 Ed 2001 LAST NM 12/02

Page 57—Lines 18 to 19/L; read:

6m alongside. Anchoring in the cove is not recommended because of submarine cables. Ferry service is maintained between Hattevik and Fusa, across the fjord about 3 miles E.

(BA NM 35/02)

41/02

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Cleveland Ledge Channel							
16085	Cleveland East Ledge Light	41 37 51 N 70 41 39 W	Fl W 10s	74	17	White cylindrical tower and dwelling on red caisson.	Emergency light of reduced intensity when main light is extinguished. RACON: C (- - -). HORN: 1 blast ev 15s (2s bl).
							* 41/02
*21886	<i>Electric Boat Security Zone Lighted Buoy A</i>		Fl W 4s		2	White with orange bands and diamond.	Marks restricted area.
							41/02
*21887	<i>Electric Boat Security Zone Lighted Buoy B</i>		Fl W 4s		2	White with orange bands and diamond.	Marks restricted area.
							41/02
*21888	<i>Electric Boat Security Zone Lighted Buoy C</i>		Fl W 4s		2	White with orange bands and diamond.	Marks restricted area.
							41/02
*21889	<i>Electric Boat Security Zone Lighted Buoy D</i>		Fl W 4s		2	White with orange bands and diamond.	Marks restricted area.
							41/02
*21891	<i>Electric Boat Security Zone Lighted Buoy E</i>		Fl W 4s		2	White with orange bands and diamond.	Marks restricted area.
							41/02
*21892	<i>Electric Boat Security Zone Lighted Buoy F</i>		Fl W 4s		2	White with orange bands and diamond.	Marks restricted area.
							41/02
*21893	<i>Electric Boat Security Zone Lighted Buoy G</i>		Fl W 4s		2	White with orange bands and diamond.	Marks restricted area.
							41/02
*21901	<i>Electric Boat Security Zone Lighted Buoy H</i>		Fl W 4s		2	White with orange bands and diamonds.	Marks restricted area.
							41/02
*21911	<i>Electric Boat Security Zone Lighted Buoy I</i>		Fl W 4s		2	White with orange bands and diamond.	Marks restricted area.
							41/02
30872	- Buoy 32					Red nun.	
	*		*		*	*	*
30875	- Lighted Buoy 34		Q R		3	Red.	
	*		*		*	*	
34445	- Lighted Buoy W	40 36 03 N 73 48 16 W	Fl (2+1) G 6s		4	Green and red bands.	Replaced by can when endangered by ice.
					*		
							41/02

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
34560	- Lighted Buoy 2	40 36 35 N 73 48 21 W	Fl R 2.5s		3	Red.	Replaced by nun from Nov. 15 to Apr. 15. * 41/02
35740	- Lighted Buoy 2	40 25 13 N 74 00 19 W	Fl R 4s		5	Red.	Replaced by nun from Dec. 1 to Apr. 15. 41/02
35755	- Channel Lighted Buoy 5		Fl G 2.5s		3	Green.	Replaced by can from Dec. 15 to Apr. 15. * 41/02
35765	- Channel Lighted Buoy 7		Fl G 4s		4	Green.	*
35775	- Channel Lighted Buoy 9		Fl G 6s		4	Green.	*
35785	- Channel Lighted Buoy 11		Fl G 2.5s		4	Green.	*
35810	- Junction Lighted Buoy NS	40 23 14 N 73 58 43 W	Fl (2+1) R 6s		3	Red and green bands.	Replaced by nun from Dec. 15 to Apr. 15. * 41/02
35965	- Buoy 3				Green can.		41/02
35990	- Danger Buoy B				White with orange bands.	Maintained from Apr. 15 to Dec. 15.	*
35995	- Danger Buoy C				White with orange bands.	Maintained from Apr. 15 to Dec. 15.	*
36060	- Lighted Buoy 18	40 22 26 N 74 02 15 W	Fl R 2.5s		2	Red.	
		*					41/02

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
37327	Bergen Point Lighted Buoy 14A						Remove from list. * 41/02

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
150	Sewell Point Buoy C Marks firing range.	38 55 35 N 74 52 44 W				Yellow can.	Mariners are cautioned to keep outside buoys and give the area a wide berth. * 41/02

*Delete Heading:

*CAPE HATTERAS TO LITTLE RIVER INLET (Chart 11520)

780	Onslow Bay Wreck Lighted Buoy WR2 40 yards, 140° from last reported position of wreck.						Remove from list. * 41/02
785	Onslow Bay Lighted Buoy 4	33 51 52 N 77 28 53 W	Fl R 4s	4	Red.		 41/02
4070	- Channel Lighted Buoy 58	40 07 35 N 74 48 56 W	Fl R 2.5s	4	Red.	Replaced by nun when endangered by ice.	 41/02

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2720	- LIGHT 4						Remove from list. * 41/02
*4908.1	ELBA ISLAND TURNING BASIN LIGHT A	32 04 58 N 80 59 01 W	Fl Y 4s	16	5	NY on pile.	 41/02
*4908.2	ELBA ISLAND TURNING BASIN LIGHT B		Fl Y 2.5s	16	4	NY on pile.	 41/02
*4908.3	ELBA ISLAND TURNING BASIN LIGHT C		Fl Y 6s	16	5	NY on pile.	 41/02
*4908.4	ELBA ISLAND TURNING BASIN LIGHT D		Fl Y 2.5s	16	4	NY on pile.	 41/02

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Graving Dock Channel							
31060	- RANGE FRONT LIGHT	18 26 27 N 66 05 00 W	Q G	41	KRW on skeleton tower.	Visible all around; higher intensity on rangeline.	
		*					41/02
31065	- RANGE REAR LIGHT 167 yards, 107.7° from front light.		Oc G 4s	83	KRW on tower.	Visible 2° each side of rangeline.	
		*					41/02

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*1113.5	<i>Rigelake-102-1 Lighted Buoy</i> Marks subsea installation.	27 57 53 N 94 13 21 W	Q R		Red.	SIGN: Ridgelake-HI-A-567-3. Private aid.	
							41/02

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
203	Platform Harvest Light	34 28 10 N 120 40 46 W	Fl W 6s	60	10		RACON: M (- -).
		*	*	*	*		41/02
755 16135	<i>Strait of Juan de Fuca</i> <i>Traffic Lane Separation Lighted Buoy J</i>	48 29 37 N 125 00 00 W	Fl Y 4s	4	Yellow.	RACON: O (---).	
		*					41/02
*756 16136	<i>Straight of Juan De Fuca</i> <i>Traffic Lane Separation Lighted Buoy JA</i>	48 29 38 N 124 43 38 W	Fl Y 4s	4	Yellow.		
							41/02
760 16145	Cape Flattery Light	48 23 30 N 124 44 12 W	Fl (2) W 20s	165	W 18 57	White conical tower on white sandstone dwelling.	Light is obscured from 271° to 007.5°. Emergency light Iso W 6s. HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). Operates continuously.
		*		*	*		*
							41/02
SANTA BARBARA ISLAND (Chart 18756)							
2675	Santa Barbara Island Light	33 29 12 N 119 01 48 W	Fl W 5s	195	10	On post.	Visible from 089° to 353°, partially obscured by hills elsewhere.
				*			41/02

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SANTA CRUZ CHANNEL (Chart 18728)							
2750	Gull Island Light	33 56 54 N 119 49 36 W	Fl W 6s	73	16	On post.	Visible from 265° to 127°, partially obscured by hills elsewhere. *
41/02							
STRAIT OF JUAN DE FUCA ENTRANCE (Chart 18460)							
Strait of Juan De Fuca							
16135 755	- Traffic Lane Separation Lighted Buoy J	48 29 37 N 125 00 00 W	Fl Y 4s	5	Yellow.		RACON: O (- - -).
41/02							
*16136 756	- Traffic Lane Separation Lighted Buoy JA	48 29 38 N 124 43 38 W	Fl Y 4s	4	Yellow.		
41/02							
16145 760	Cape Flattery Light	48 23 30 N 124 44 12 W	Fl (2) W 20s	165	W 18 57	White conical tower on white sandstone dwelling.	Light is obscured from 271° to 007.5°. Emergency light Iso W 6s. HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). Operates continuously.
41/02							
25751	<i>Seal Island Shoal Lighted Buoy</i>	61 05 24 N 146 25 14 W	Fl W 4s	1	White with orange bands.		Private aid.
41/02							
27425	IKATAN POINT LIGHT	54 46 30 N 163 11 03 W	Fl W 4s	81	6	NR on skeleton tower.	Obscured from 117° to 243°.
41/02							

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2002 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15649 -Breakwater, W. side. <i>J 4422.8</i>		21° 30.0' N 87° 42.0' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	26 8	6	Concrete tower; 23.	
		*		*	*	*	41/02
15649.1 --E. side. <i>J 4422.7</i>		21° 30.0' N 87° 42.0' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	26 8	6	Concrete tower; 23.	
				*	*	*	41/02
15650 -El Cuyo Range, front. <i>J 4422.5</i>		21° 30.9' N 87° 41.9' W	Fl.W. period 3s fl. 1s, ec. 2s	36 11	9	Concrete tower; 23.	
				*	*		41/02
15652 Punta Francisca, (Mosquito). <i>J 4426</i>		21° 32.1' N 87° 18.1' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	36 11	10	Truncated pyramidal aluminum tower; 30.	
					*		41/02
15656 Isla Holbox, W. end. <i>J 4427</i>		21° 32.1' N 87° 18.1' W	Fl.W. period 6s fl. 1s, ec. 5s	36 11	10	Aluminum tower; 30.	
					*		41/02
15657 -Holbox Range, front. <i>J 4427.3</i>		21° 33.0' N 87° 18.0' W	Fl.W. period 3s fl. 1s, ec. 2s	43 13	6	Truncated pyramidal metal tower; 36.	
					*		41/02
15657.1 --Rear. <i>J 4427.31</i>		21° 33.0' N 87° 18.0' W	Iso.W. period 2s	59 18	8	Truncated pyramidal metal tower; 52.	
					*		41/02
15661 -Chiquila Range, front. <i>J 4424.5</i>		21° 26.0' N 87° 17.0' W	Fl.W. period 3s fl. 1s, ec. 2s	13 4	4	Truncated pyramidal aluminum tower; 10.	
					*		41/02
15661.1 --Rear. <i>J 4424.51</i>		21° 25.0' N 87° 17.0' W	Iso.W. period 2s	46 14	4	Truncated pyramidal aluminum tower; 23.	
					*		41/02
15664 Cabo Catoche. <i>J 4428</i>		21° 36.3' N 87° 06.1' W	Fl.(4)W. period 20s	49 15	15	White square concrete tower, red band; 46. Visible 008°-285°.	
					*	*	41/02
15676 -Piedra La Carbonera Range, front. <i>J 4433</i>		21° 14.8' N 86° 45.4' W	Fl.W. period 3s fl. 1s, ec. 2s	20 6	6	White square concrete tower; 16.	
		*					41/02

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15680 <i>J 4433.1</i>	-Rear, 980 meters 000° from front.	21° 15.3' N 86° 45.4' W	Fl.(2)W. period 10s	62 19	13	White round concrete tower; 52.	
					*	*	41/02
15684 <i>J 4433.8</i>	-Roca El Yunque.	21° 15.9' N 86° 45.4' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	16 5	4	Square concrete tower; 13.	
					*	*	41/02
15688 <i>J 4435</i>	Roca de La Bandera (Becket Rock).	21° 09.9' N 86° 44.0' W	Fl.(2)W. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	13 4	5	Red round concrete tower, black bands; 20.	Visible 306°-077°.
					*	*	41/02
15692 <i>J 4436</i>	El Meco.	21° 12.7' N 86° 48.4' W	Fl.W. period 3s fl. 1s, ec. 2s	26 8	6	White truncated pyramidal concrete tower; 17.	
					*	*	41/02
15703 <i>J 4438.5</i>	Duque de Alba.	20° 50.4' N 86° 52.7' W	Iso.W. period 2s	16 5	6	Metal framework tower; 10.	
					*		41/02
15704 <i>J 4438</i>	Puerto Morelos.	20° 50.7' N 86° 53.0' W	Fl.W. period 6s fl. 1s, ec. 5s	52 16	15	White round concrete tower; 49.	Visible 205°-035°.
					*		41/02
15716 <i>J 4441</i>	Playa del Carmen.	20° 37.0' N 87° 04.7' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	56 17	11	White truncated pyramidal concrete tower; 52.	
					*	*	41/02
15717 <i>J 4441.5</i>	Caleta de Chachalet.	20° 29.5' N 87° 14.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	10	Truncated pyramidal metal tower; 26.	
					*		41/02
*16708 -01", Range, front.		10° 19.1' N 75° 32.5' W	O.G.	49 15	10	Red and white tower.	
							41/02
*16708.1 -02", rear, about 3560 meters 086° from front.		10° 19.3' N 75° 30.5' W	Fl.G. period 2.5s	108 33	15	Red and white tower.	
							41/02

CANAL DO JUNCO:

18946.1	-No. "97".	30° 20.8' S 51° 03.6' W	Fl.R. period 6s fl. 1s, ec. 5s	20 6	7	Red metal framework structure.
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41/02

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*18946.12 -No. "99".		30° 20.6' S 51° 03.9' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s		7	Red metal framework structure.	
							41/02
*18946.13 -No. "102".		30° 20.7' S 51° 03.9' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s		5	Green metal framework structure.	
							41/02
*18946.16 -No. "103".		30° 19.9' S 51° 05.5' W	Fl.R. period 5s		2		
							41/02
18946.2 -No. "106".		30° 19.9' S 51° 05.6' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	16 5	9	Green metal framework structure.	
							41/02
	*						

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5812 -Cleveland Point, extremity. K 2898		27° 30.6' S 153° 17.4' E	Fl.W.R. period 3s	46 14	W. 13 R. 8	White hexagonal tower; 39.	W. 160°-225°, R.-285°, W.-311°, R.-160°.
			*				41/02
8688 -North Neptune Island. K 1872.3							Remove from list.
							*
9535.51 ---Rear, 200 meters 121°55' from front. K 3328.61		12° 29.8' S 130° 53.2' E	Iso.W. period 2s	36 11	4	Pole, triangular daymark, point down.	
			Q.Bu.		3		Visible 212°-032°.
			*		*		*
14260 Lookout Island. G 5198		50° 00.0' N 127° 27.0' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s	48 15	9	White round tower, green band at top on white rectangular building; 23.	High intensity flash superimposed ev. 5s. Horn: 1 bl. ev. 20s.
			*				41/02
15100 Los Frailes, SE. Rock. G 3477		19° 04.6' N 104° 23.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	36 11	5	Round fiberglass tower; 8.	
			*		*		41/02
15132 -San Pedrito Range, front. G 3480.4		19° 03.9' N 104° 17.3' W	Fl.W. period 3s fl. 1s, ec. 2s	46 14	10	Truncated pyramidal metal tower; 39.	
	*	*			*		41/02
15136 --Rear, 350 meters 077° from front. G 3480.41		19° 03.9' N 104° 17.1' W	Iso.W. period 2s	75 23	8	Truncated pyramidal metal tower; 23.	
	*				*		41/02

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
 Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15140 <i>G 3476</i>	Punta Campos.	19° 01.3' N 104° 20.1' W	Fl.W. period 5s	358 109	18	White octagonal concrete tower, dwelling; 36.	*

41/02

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2001 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13904 <i>F 4660.6</i>	-S. breakwater.	24° 17.4' N 120° 30.0' E	Fl.R. period 2s	69 21	14	Red round concrete tower; 65.	Auxiliary light F.R. 8m 5M on same structure.

41/02

*13905 - -Elbow.
F 4660.45 24° 17.7' N Dir.F.W.R.G.
120° 29.9' E

43 W. 14 White hexagonal concrete tower. G. 232°48'-237°12'. W.-
R. 11 242°48', R.-247°12'.
G. 11

41/02

*16661 -S. breakwater.
F 4405.5 35° 59.1' N Fl.G.
129° 33.6' E period 5s

20 5 White round steel tower; 20.

41/02

16722 Bonggundo.

Remove from list.

41/02

16800 Budo Sudo (Pu Do Suido), on
F 4347 Madang Seo. 35° 06.2' N Fl.(2)W.
128° 40.9' E period 5s

46 8 ISOLATED DANGER
14 BRB, beacon, topmark; 42.

41/02

*16826 Buoy "1".
35° 00.3' N Fl.G.
128° 34.8' E period 4s

PORt (B)
G, pillar, topmark.

RACON M(--)

41/02

*16931 Anjeong, breakwater.
34° 57.0' N Fl.R.
128° 26.0' E period 6s

49 7 Horn.

41/02

*16931.1 -Korea Gas Company.
34° 57.0' N Fl.(4)Y.
128° 26.4' E period 8s

40 7

41/02

*18877 Lisi Jiao.
F 3741 30° 46.4' N Fl.(3)W.
122° 27.8' E period 10s

125 10 Stone pyramid, white tiles; 27.

41/02

*18879 Daqianzui Tou.
F 3740.08 30° 40.9' N Fl.(3)W.
122° 33.3' E period 10s

115 10 White hexagonal tower; 28.

41/02

25086.5 Pualu Dumdum.
F 1889 1° 11.5' N Fl.W.
106° 53.1' E period 3s

49 13 White beacon; 39.

41/02

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2001 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*17153 - Marmara, breakwater, head. <i>E 4892.8</i>		40° 35.0' N 27° 33.6' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	33 10	8	Concrete tower; 26.	
							41/02
*17153.5 - -Mole, head. <i>E 4892.9</i>		40° 35.0' N 27° 33.7' E	Fl.G. period 3s fl. 0.3s, ec. 2.7s	33 10	8	Concrete tower; 13.	
							41/02
17276 - Derince Burnu, pier head. <i>E 4930</i>							Remove from list.
							*
*19362 Ardesen, breakwater, head. <i>E 5781.1</i>		41° 12.0' N 40° 59.6' E	Fl.G. period 5s fl. 1s, ec. 4s	36 11	7	Concrete tower; 23.	
							41/02
*19362.5 -Inner breakwater, head. <i>E 5781.2</i>		41° 11.8' N 40° 59.5' E	Fl.R. period 5s fl. 1s, ec. 4s	33 10	7	Concrete tower; 20.	
							41/02
20680 Tasucu, breakwater, head. <i>E 5871.3</i>		36° 18.9' N 33° 52.9' E	Fl.(2)R. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	43 13	7	White metal framework tower; 26.	
							*
							41/02
20684 -Inner breakwater, head. <i>E 5871.32</i>		36° 19.0' N 33° 52.9' E	Fl.(2)G. period 10s fl. 0.5s, ec. 2s fl. 0.5s, ec. 7s	36 11	7	White metal framework tower; 23.	
							*
							41/02

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7536 -Scattery Island. <i>A 6342</i>		52° 36.3' N 9° 31.0' W	Fl.(2)W. period 8s fl. 0.5s, ec. 1s fl. 0.5s, ec. 6s	50 15	10	White tower; 41.	Visible 208°-092°. Shown in hours of darkness.
							*
							41/02

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15420 Guba Drozdovka, Range, front. <i>L 6508</i>							Remove from list.
							*
15424 -Rear, 800 meters 181°54' <i>L 6508.1</i> from front.							Remove from list.
							*
							41/02

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14598 <i>C 5206.5</i>	- -Neljanvittankari.	60° 09.8' N 24° 59.8' E	V.Q.(5)W. period 6s	39 12	1 Mast.	Radar reflector.	
		*				*	41/02
17436 <i>C 4406</i>	Kalla.	61° 16.1' N 21° 21.2' E	Fl.W.R.G. period 5s	34 10	7 Grey tower.	R. 007°-036°, G.-093°, W.-184°, R.-215°, G.-256°, W.-007°.	
		*	*	*	*	*	41/02
18644 <i>C 4764.4</i>	Huikosenniemi Range, front.					Remove from list.	
						*	41/02
18648 <i>C 4164.41</i>	-Rear, 079° from front.					Remove from list.	
						*	41/02
18650 <i>C 4165.2</i>	Taskisenranta Range, front.	65° 05.8' N 25° 23.0' E	F.R.	20 6	1 Mast, yellow rectangular daymark, red stripe.	Visible 051°-071°. Shown on request.	
		*		*		*	41/02
18650.1 <i>C 4165.21</i>	-Rear, 061° from front.	65° 05.9' N 25° 23.1' E	F.R.	33 10	1 Steel mast, yellow rectangular daymark, red stripe.	Visible 051°-071°. Shown on request.	
		*	*	*		*	41/02

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 41/02**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.
NIMA HYDRO CATALOG CATP2V01U								
Region 1	2000	34*,35,37,38,40,41, 42,43,45,46,47,50, 51/00;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 16,17,18,19,20,21, 22,23,24,25,26,28, 29,30,33,34,35,36, 37,39,40,41,42,43, 44,45,46,47,48,49, 50,52/01;1,2,3,5,6,7, 8,9,10,12,13,15,18, 19,20,21,22,23,26, 28,30,31,34,35,36, 37,38,39,41/02	SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02	SDPUB192	2000	14*,16,17,18,24,26, 31,36,38,39,46/00;4, 14,17,21,22,23,25, 26,28,30,31,32/01;
Region 2	2000	34*,40,43/00;4,23, 30,35,39,42,45, 46/01;5,11,13,15,19, 22,24,26,28,41/02	SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34/02	SDPUB193	2000	22,23,27,36,37/02 27*,38,49/00;9,26, 27,31,32/01;14,15,
Region 3	2000	34*,44,48/00;21, 40/01;17,19,40/02	SDPUB125	2000	6*,9,10,20,21,40/00; 36,37,45,46/01;14, 17,33,35,38,40/02	SDPUB194	2000	26/02 51/00*;9,11,24,26, 29,32,34,35/01;11, 14,18,19,20,22,23, 24,25,26,27,29,30,
Region 4	2000	34/00*;3/01;13, 20/02	SDPUB126	2002	39*,41/02	SDPUB195	2002	33*,40/02
Region 5	2000	34*,37,40,42,47/00; 2,3,4,17,20,21,29, 40,41,45/01;6,8,13, 14,19,22,29/02	SDPUB127	2000	37*,38/00;18,33,40, 44,45,48,49,52/01;1, 11,13,17,18,27,33, 34,37,41/02	SDPUB200	2002	38*,39/02
Region 6	2000	34*,35,45,52/00;2, 14,29,36,41,46, 51/01;12,14,15,17, 19,26/02	SDPUB131	2000	13*,18,21,25,29,30, 33,37,51/00;4,15,19, 28,49,52/01;22,23, 24,25,26,27,32,33, 37,38,39,40/02	USCG LIGHT LIST VOLUMES I - VII		
Region 7	2000	34/00*;2,10,35, 41/01;18,25/02	SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02	COMDTM165021	2002	30*,31,32,33,34,35, 36,37,39,40,41/02
Region 8	2000	34/00*;1,38/02	SDPUB140	2001	21*,48,49,51/01;8, 17,23,32/02	COMDTM165022	2002	16*,17,18,19,20,21, 22,23,25,26,27,28, 29,30,31,32,33,34, 35,36,37,40,41/02
Region 9	2000	34/00*;23,41,48/01; 13,15,18,19,21, 23/02	SDPUB141	2001	21*,38/01	COMDTM165023	2002	35*,36,37,40,41/02
Miscellaneous Charts and Publications	2000	34*,36,37,39,40, 44,45,46,47,49,50, 51,52,53/00;1,2,3,4, 5,6,7,8,9,11,12,14, 15,16,17,18,19,20, 21,22,23,26,27,28, 29,30,31,32,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51,52/01;1, 2,3,4,5,8,9,12,13,14, 16,17,18,19,20,22, 23,24,26,27,28,29, 30,31,32,33,34,35, 36,38,39,40,41/02	SDPUB142	2000	49/00*;3,31,35/01; 1,15/02	COMDTM165024	2002	30*,31,32,33,34,35, 36,37,40,41/02
SDPUB143	2000	8*,10,19,29/00;16, 26/01;1,25/02	SDPUB145	2000	13*,14,18,19,22,26, 32,37,38,46,47,51, 53/00;1,4,5,7,10,12, 28,29,35,52/01;14, 27/02	COMDTM165025	2002	16/02*
SDPUB146	2000	26*,28,32,33,38,45, 46,48,51/00;2,5,10, 27,28,29,31,38/01; 15,29/02	SDPUB147	2001	35/01*;21,22,23, 24/02	COMDTM165026	2002	35*,36,40,41/02
SDPUB148	2001	48/01*;23,24/02	SDPUB153	2000	6/01*;28,30,41/02	COMDTM165027	2002	16*,17,18,19,20,21, 22,23,25,26,27,28, 29,30,31,32,33,34, 35,36,37,40,41/02
SDPUB154	2002	17*,19,31/02	SDPUB155	2001	31*,48/01;10/02	SDPUB148	2001	N47/01*
SDPUB156	2000	20*,27,29,33,34,35, 38,41,44,48/00;1,3, 4,6,7,11,12,13,21, 23,32,47/01;2,5,9, 13,14,20,22,27, 38/02	SDPUB157	2000	38,41,44,48/00;1,3, 4,6,7,11,12,13,21, 23,32,47/01;2,5,9, 13,14,20,22,27, 38/02	FGPUB940ATL	2001	N47/01*
SDPUB158	2000	50/00*;5,10,12,13, 15,17,20,24/01	SDPUB159	1999	49*,50/99,2,15,21, 44/00;5,17,20,24/01	FGPUB941PAC	2001	N22/01*
SDPUB160	1998	20*,21,27,31,38,46, 47,48,50,51/98,7,12, 30,35,50,51,52/99;1, 11,43,44,48,51/01;1, 7,8,13,15,21,23,25, 30/02	SDPUB161	2002	23*,24/02	NOS MISCELLANEOUS PUBLICATIONS		
SDPUB162	2001	51/01*	SDPUB163	2002	18*,20,21,26/02	NOBCATALOG1	2000	20/00*
SDPUB164	2000	30/00*;31,35,36/01	SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02	NOBCATALOG2	2000	34/00*
SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02	SDPUB173	2000	8*,10,17,29/00;43, 45,51,52/01;13,14, 17,22,24,26,27, 31/02	NOBCATALOG3	2000	28/00*
SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38/02	SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41/02	NOBCATALOG4	2000	34/00*
SDPUB176	2000	8*,10,17,29/00;43, 45,51,52/01;13,14, 17,22,24,26,27, 31/02	SDPUB180	2002	32*,33/02	ALMANACS		
SDPUB177	2001	40*,47,48,52/01;5,9, 14,16,41/02	SDPUB181	2002	38*,39/02	AIRALMANAC201	2002	46/01*
SDPUB178	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38/02	SDPUB182	2001	8*,10,12,41/02	NAUTALMANAC02	2002	46/01*
SDPUB179	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41/02	SDPUB183	2001	27/01*;13,15,16/02	COAST PILOT		
SDPUB180	2002	32*,33/02	SDPUB184	2000	5*,7,8,9,10,11,12, 13,14,15,16,17,18,19, 20,21,22,23,24,25, 26,27,28,29,30,31, 32,33,34,35,36,37, 38,39,40,41/02	NOSPBCP1	32	37*,39,41,47,51/01; 1,5,7,13,18,33,37, 39/02
SDPUB181	2002	38*,39/02	SDPUB185	2000	10*,11,12,13,14,15, 16,17,18,19,20,21,22, 23,24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41/02	NOSPBCP2	31	44*,47,51,52/01;5,7, 12,13,18,23,33,37, 39/02
SDPUB182	2001	8*,10,12,41/02	SDPUB186	2001	11*,12,13,14,15,16, 17,18,19,20,21,22, 23,24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41/02	NOSPBCP3	35	3*,5,7,12,15,17,18, 21,22,27,28,33, 37/02
SDPUB183	2001	27/01*;13,15,16/02	SDPUB187	2000	48*,51/00;1,6,12,13, 15,16,17,20,21,33, 34/02	NOSPBCP4	33	35*,37,39,41,47, 51/01;5,7,12,15, 16,18,19,20,21,22, 23,25,27,28,30,33, 34/02
SDPUB184	2000	8*,10,17,29/00;43, 45,51,52/01;13,14, 17,22,24,26,27, 31/02	SDPUB188	2002	49*,51/01;1,6,12,13, 15,16,17,20,21,33, 34,37,39/02	NOSPBCP5	29	49*,51/01;1,6,12,13, 15,16,17,20,21,33, 34,37,39/02
SDPUB185	2000	10*,11,12,13,14,15, 16,17,18,19,20,21,22, 23,24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41/02	SDPUB189	2002	19*,20,21,33,39/02	NOSPBCP6	32	19*,20,21,33,39/02
SDPUB186	2001	11*,12,13,14,15,16, 17,18,19,20,21,22, 23,24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41/02	SDPUB190	2003	46*,47/01;1,5,12,15, 19,20,21,22,23,25, 33,34,37,39/02	NOSPBCP7	33	46*,47/01;1,5,12,15, 19,20,21,22,23,25, 33,34,37,39/02
SDPUB187	2001	11*,12,13,14,16,17, 21,27,37,41/02	SDPUB191	2000	24*,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41/02	NOSPBCP8	24	3*,5,16,17,19,23,33, 37,40/02
SDPUB188	2002	32*,33/02	SDPUB192	2001	12*,20,23,33,37/02	NOSPBCP9	20	12*,20,23,33,37/02
SAILING DIRECTIONS			RADIO NAVIGATIONAL AIDS			RADIO NAVIGATIONAL AIDS		
SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37/02	RAUPB117	2001	11*,12,13,14,15,16, 17,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,33,36,37,38, 39,40,42,44,47,48, 49,50/01	RAUPB117	2001	11*,12,13,14,15,16, 17,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,33,36,37,38, 39,40,42,44,47,48, 49,50/01
			AMERICAN PRACTICAL NAVIGATOR			AMERICAN PRACTICAL NAVIGATOR		
			NVPUB9	2002	36/02*	NVPUB9	2002	36/02*

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 41/02**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.		
INTERNATIONAL CODE OF SIGNALS NVPUB102	1999	46/99*;52/01		
WORLD PORT INDEX NVPUB150	2000	50/00*;14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39, 40/02		
DISTANCES BETWEEN PORTS NVPUB151	2001	4/02*		
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL CDPUBNV1310	2001	51/01*		
SIGHT REDUCTION TABLES (MARINE)				
SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
SIGHT REDUCTION TABLES (AIR)				
SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
CHART NO. 1 WOBZC1	1997	18/98*		
CHART NO. 4 WOBZC4	1988	N20/89*		
ATLAS OF PILOT CHARTS NVPUB107	1998	30/99*		
USCG NAVIGATION RULES COMDTM166722D	1999	44/99*;52/00		
NOS TIDE TABLES				
NOSPBTTCWPACIN2	2002	N52/01*		
NOSPBTTECSTNSA2	2002	N52/01*		
NOSPBTTEURAFR2	2002	N52/01*		
NOSPBTWCSTNSA2	2002	N52/01*		
TIDAL CURRENT TABLES				
NOSPBTCTATCSTN2	2002	N52/01*;N9/02		
NOSPBTCTPACAS2	2002	N52/01*		

SECTION III

NM 41/02

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 261200Z September 2002:

2001 series	219(GEN)	345(GEN)	362(14)	365(14)
393(GEN)	261(11)	346(GEN)	363(11,26)	366(11,28)
2002 series	332(GEN)	351(11)	364(GEN)	367(GEN)

The summary of all NAVAREA IV messages in force as of 13 December 2001 is given in Section III of NM 52/01. Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

NAVAREA IV WARNINGS issued from 191200Z to 261200Z September 2002.

362/02(14). NORTH ATLANTIC.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V ZEPHYR ONE TOWING 8300 METER LONG CABLE IN AREA BOUND BY 48-42N 052-42W, 52-50N 051-23W, 52-41N 049-14W, 48-37N 045-11W, 45-42N 047-57W. WIDE BERTH REQUESTED.
2. CANCEL NAVAREA IV 361/02.

(201150Z SEP 2002)

363/02(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
 - A. 230400Z TO 300359Z SEP IN AREA BOUND BY 30-45N 080-54W, 30-45N 080-11W, 30-36N 080-11W, 30-34N 080-33W.
 - B. 230400Z TO 300359Z SEP IN AREA BETWEEN 29-20N 29-10N AND 079-50W 079-40W.
 - C. 1300Z TO 0500Z COMMENCING DAILY 24 THRU 27 SEP IN AREA BETWEEN 29-50N 30-00N AND 080-50W 081-00W.
 - D. 242200Z TO 250200Z IN AREA BOUND BY 31-13N 079-50W, 31-13N 079-00W, 30-39N 079-08W, 30-36N 080-05W.
 - E. 260100Z TO 260400Z SEP IN AREA BOUND BY 30-35N 081-21W, 30-35N 081-00W, 30-00N 081-02W, 30-00N 081-15W.
 - F. 210400Z TO 220359Z SEP IN AREA BOUND BY 30-45N 080-54W, 30-45N 080-32W, 30-34N 080-33W, 30-33N 080-55W.
 - G. 210400Z TO 220359Z IN AREA BOUND BY 30-45N 080-32W, 30-45N 080-11W, 30-36N 080-11W, 30-34N 080-33W.
2. CANCEL THIS MSG 300459Z SEP.

(201300Z SEP 2002)

364/02(11,26).

1. NAVAREA IV MESSAGES IN FORCE 211000Z SEP 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2002 SERIES: 295(12,13), 315(12,13), 332(12,13), 345(12,13), 346(12,13), 348(12,13), 351(12,13), 355(11,26), 356(11,26), 360(11,26), 362(11,26), 363(11,26).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02 AND 26/02.
3. CANCEL NAVAREA IV 160/02, 353/02.

(211010Z SEP 2002)

365/02(14). NORTH ATLANTIC.

1. UNDERWATER CABLE OPERATIONS 22 SEP UNTIL FURTHER NOTICE BY CABLESHIP ILE DE BATZ AND CABLESHIP ILE DE RE VICINITY 38-22.9N 063-43.9W. WIDE BERTH REQUESTED.
2. CANCEL NAVAREA IV 315/02(12,13).

(211545Z SEP 2002)

366/02(11,28). GULF OF MEXICO.

1. LORAN-C STATION LAS CRUCES, RATE 9610-X, UNUSABLE 271400Z TO 271800Z SEP.
2. CANCEL THIS MSG 271900Z SEP.

(232303Z SEP 2002)

NM 41/02

SECTION III

367/02(GEN). GPS SATELLITE SYSTEM.
PRN 21 UNUSABLE.

(252130Z SEP 2002)

SECTION III

HYDROLANTS

Messages in force 261200Z September 2002:

2000 series	2659(GEN)	1159(51)	1942(24)	2096(51)	2141(53)
1166(35,37,43)	2700(37)	1191(37)	1950(54)	2099(55)	2143(53)
1569(36)	2706(37)	1290(53)	1952(54)	2100(51)	2146(52,53)
2353(36)	2864(53)	1485(24)	1961(53)	2105(53)	2147(53)
2937(38)	2916(37)	1780(53)	1969(37)	2106(51)	2148(35,38)
2970(51)	2948(36)	1798(43)	1972(57)	2112(52,53)	2149(23,24)
3589(37)	3161(44)	1801(35)	1986(GEN)	2117(GEN)	2150(24)
3762(43)	2002 series	1817(56)	2008(37)	2119(GEN)	2151(24)
4265(44)	11(54)	1825(GEN)	2027(GEN)	2120(55)	2152(24)
2001 series	134(37)	1847(56)	2029(53)	2121(54)	2153(52,53)
470(53)	245(GEN)	1848(56)	2033(GEN)	2123(53)	2155(51)
611(44)	246(GEN)	1867(36,37)	2037(57)	2133(53)	2156(GEN)
1116(36)	321(52)	1895(23)	2040(55)	2134(24)	2157(24)
1240(53)	349(54)	1906(55)	2055(53)	2136(54)	
1584(54)	383(53)	1911(53)	2061(53)	2137(38)	
1798(37)	946(53)	1921(GEN)	2074(52,53)	2138(37)	
1885(44)	1065(53)	1924(53)	2089(24)	2139(53,54)	
2066(37)	1066(37)	1933(51,52)	2090(37)	2140(24)	

The summary of all HYDROLANTS in force as of 13 December 2001 is given in Section III of NM 52/01.
Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

HYDROLANT WARNINGS issued from 191200Z to 261200Z September 2002.

2099/02(55). SEA OF MARMARA.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 15 OCT
BY M/V L'ATLANTE TOWING SUBMERSIBLE IN AREA
BETWEEN 40-30N 41-00N AND 027-20E 029-30E.
2. CANCEL THIS MSG 16 OCT.

(191325Z SEP 2002)

2100/02(51). NORTH ATLANTIC. ISLAS CANARIAS.

1. OCEANOGRAPHIC OPERATIONS 200001Z SEP TO 011600Z OCT
BY M/V HESPERIDES ALONG TRACKLINE JOINING
26-00N 026-00W, 21-00N 026-00W, 21-00N 017-15W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 011700Z OCT.

(191348Z SEP 2002)

2101/02 thru 2104/02. CANCELED.

2105/02(53). TYRRHENIAN SEA.

- CHART 53181 (4TH ED).
ISOLA FILICUDI LIGHT 38-34.9N 014-31.8E UNLIT.

(2000030Z SEP 2002)

2106/02(51). NORTH ATLANTIC. MOROCCO. ORDNANCE.

1. ORDNANCE DROP EXERCISES 1000Z TO 2115Z DAILY 23 THRU 28 SEP
WITHIN 60 MILES OF 34-45N 009-00W.
2. CANCEL HYDROLANT 2101/02, 2095/02 REFERS.
3. CANCEL HYDROLANT 2102/02, 2096/02 REFERS.
3. CANCEL THIS MSG 282215Z SEP.

(200610Z SEP 2002)

2107/02 thru 2111/02. CANCELED.

2112/02(52,53). SARDEGNA-EAST COAST. MISSILES. ROCKETS.

1. HAZARDOUS OPERATIONS 0700Z TO 1530Z DAILY 23 THRU 27 AND 30 SEP
IN AREAS BOUND BY:
A. 40-00N 010-00E, 40-00N 010-30E, 39-10N 010-30E,
39-10N 010-00E, 39-26N 009-38E, 39-38N 009-38E.
B. 40-15N 010-00E, 40-15N 011-31E, 40-11N 011-33E,
39-32N 011-38E, 38-52N 011-28E, 39-10N 010-00E,
39-28N 009-38E, 39-43N 009-40E, 40-15N 010-00E.
2. CANCEL THIS MSG 301630Z SEP.

(201120Z SEP 2002)

2113/02 thru 2116/02. CANCELED.

SECTION III

2117/02(GEN). AZORES TO MADEIRA.

1. 42 FOOT S/V PIERIUS MAGNUS, BLACK HULL WITH YELLOW STRIPE, FIVE PERSONS ON BOARD, OVERDUE AZORES TO MADEIRA. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC LISBON, TELEX: 5145560, PHONE: 4413 2631 7575, FAX: 4413 2631 8342.
2. CANCEL HYDROLANT 2115/02.

(210720Z SEP 2002)

2118/02. CANCELED.

2119/02(GEN).

1. HYDROLANT MESSAGES IN FORCE 211000Z SEP 2002, ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2002 SERIES: 1780(53), 1790(GEN), 1797(55), 1798(43), 1801(35), 1817(56), 1825(GEN), 1847(56), 1848(56), 1867(36,37), 1895(23), 1906(55), 1911(53), 1921(GEN), 1922(37), 1924(53), 1933(51,52), 1942(24), 1950(54), 1952(54), 1961(53), 1969(37), 1972(57), 1986(GEN), 2008(37), 2018(24), 2025(GEN), 2027(GEN), 2029(53), 2033(GEN), 2037(57), 2039(24), 2040(55), 2044(51), 2054(53), 2055(53), 2056(37), 2057(24), 2060(38), 2061(53), 2066(36,37), 2071(51), 2074(52,53), 2077(53,54), 2084(55), 2088(52), 2089(24), 2090(37), 2095(51), 2096(51), 2097(55), 2099(55), 2100(51), 2105(53), 2106(51), 2107(24), 2108(24), 2109(24), 2110(24), 2111(24), 2112(52,53), 2113(52,53), 2114(37), 2116(35), 2117(GEN).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02 AND 26/02.
3. CANCEL HYDROLANT 1757/02, 2041/02, 2091/02, 2118/02.

(211110Z SEP 2002)

2120/02(55). BLACK SEA. MISSILES.

1. HAZARDOUS OPERATIONS 0500Z TO 1330Z DAILY 25 THRU 26 SEP IN AREA BOUND BY 45-11.0N 033-11.0E, 43-50.2N 033-11.0E, 43-50.0N 031-52.0E, 44-52.0N 031-11.0E, 45-20.0N 032-35.0E.
2. CANCEL THIS MSG 261430Z SEP.

(211303Z SEP 2002)

2121/02(54). ADRIATIC SEA. GUNNERY.

1. GUNNERY EXERCISES 0415Z TO 0600Z DAILY 25 AND 28 SEP IN AREA BOUND BY 43-34.5N 015-55.2E, 43-34.0N 015-47.0E, 43-30.0N 015-48.0E, 43-32.6N 015-56.4E.
2. CANCEL THIS MSG 280700Z SEP.

(211314Z SEP 2002)

2122/02. CANCELED.

2123/02(53). EASTERN MEDITERRANEAN SEA.

1. FISHING NETADRIFT IN 35-58.6N 012-16.2E.
2. CANCEL THIS MSG 28 SEP.

(211606Z SEP 2002)

2124/02 thru 2132/02. CANCELED.

2133/02(53). SICILIA-NORTHEAST COAST.

- CHART 53183 (13TH ED).
CAPO RASOCOLMO LIGHT 38-17.8N 015-31.2E UNLIT.

(230038Z SEP 2002)

2134/02(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 26 SEP BY M/V RAMFORM EXPLORER TOWING EIGHT 6853 METER LONG CABLES IN AREA BOUND BY 00-25.7S 044-21.8W, 00-06.2S 043-55.7W, 00-13.9S 043-48.5W, 00-35.0S 044-14.5W. FIVE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2111/02.
3. CANCEL THIS MSG 27 SEP.

(230840Z SEP 2002)

2135/02. CANCELED.

2136/02(54). EASTERN MEDITERRANEAN SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 260600Z TO 261200Z SEP IN AREA BETWEEN 35-15N 35-34N AND 030-10E 030-34E.
2. CANCEL THIS MSG 261300Z SEP.

(231010Z SEP 2002)

SECTION III

NM 41/02

2137/02(38). NORTH ATLANTIC. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 270001Z TO 272359Z SEP
WITHIN 100 MILES OF 68-50N 015-56W.
2. CANCEL HYDROLANT 1922/02(37), OPERATIONS SUSPENDED.
3. CANCEL THIS MSG 280059Z SEP.

(231020Z SEP 2002)

2138/02(37). DOVER STRAIT.

1. 40 FOOT CONTAINER ADRIFT IN 51-04N 001-39E AT 230825Z SEP.
2. CANCEL HYDROLANT 2054/02(53), AID RESTORED.
3. CANCEL THIS MSG 30 SEP.

(231307Z SEP 2002)

2139/02(53,54). IONIAN SEA.

1. HYDROGRAPHIC OPERATIONS 260800Z SEP TO 081800Z OCT
BY M/V DENNY TIDE IN AREA BOUND BY
35-00N 017-00E, 36-30N 017-00E,
35-30N 018-00E, 33-40N 018-00E.
2. CANCEL THIS MSG 081900Z OCT.

(231635Z SEP 2002)

2140/02(24). SOUTH ATLANTIC. URUGUAY.

1. HYDROGRAPHIC OPERATIONS IN PROGRESS UNTIL 290300Z SEP
BY M/V ROU 22 OYARVIDE IN AREA BETWEEN
34-59.5S 34-55.5S AND 055-13.0W 055-23.0W.
1.5 MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2132/02(35), AID RESTORED.
3. CANCEL HYDROLANT 2057/02.
4. CANCEL THIS MSG 290400Z SEP.

(231736Z SEP 2002)

2141/02(53). SICILIA-EAST COAST. GUNNERY.

1. GUNNERY EXERCISES SUNRISE TO SUNSET DAILY 25 AND 26 SEP
IN AREA BOUND BY 37-22-30N 015-20-00E,
37-22-30N 015-29-00E, 37-04-30N 015-29-00E,
37-04-30N 015-21-24E, 37-14-14N 015-15-15E.
2. CANCEL THIS MSG 27 SEP.

(231830Z SEP 2002)

2142/02. CANCELED.

2143/02(53). SICILIA-EAST COAST. GUNNERY.

1. GUNNERY EXERCISES SUNRISE TO SUNSET DAILY 25 AND 26 SEP
IN AREA BETWEEN 37-11N 36-51N AND 015-25E 015-53E.
2. CANCEL THIS MSG 27 SEP.

(231910Z SEP 2002)

2144/02 and 2145/02. CANCELED.

2146/02(52,53). SARDEGNA-SOUTH COAST. GUNNERY.

1. GUNNERY EXERCISES 0600Z TO 1500Z DAILY 27 AND 28 SEP,
0600Z TO 2000Z DAILY 25, 26 AND 30 SEP THRU 04 OCT
IN AREA BOUND BY 38-55-10N 008-42-30E,
38-50-00N 008-48-00E, 38-46-15N 008-48-00E,
38-43-30N 008-41-15E, 38-49-00N 008-26-00E,
38-56-12N 008-27-00E, 38-57-00N 008-37-06E.
2. CANCEL HYDROLANT 2060/02(38), OPERATIONS COMPLETED.
3. CANCEL THIS MSG 042100Z OCT.

(241656Z SEP 2002)

2147/02(53). IONIAN SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 260600Z TO 261900Z SEP WITHIN
35 MILES OF 37-05N 016-20E.
2. CANCEL THIS MSG 262000Z SEP.

(241832Z SEP 2002)

2148/02(35,38). NORTH ATLANTIC.

1. LARGE NET ADRIFT VICINITY 59-07N 009-48W.
2. CANCEL THIS MSG 01 OCT.

(241859Z SEP 2002)

2149/02(23,24). URUGUAY. NAVTEX.

NAVTEX STATION LA PALOMA OFF AIR.

(250450Z SEP 2002)

SECTION III

2150/02(24). BRAZIL-NORTH COAST.

1. OCEANOGRAPHIC OPERATIONS IN PROGRESS UNTIL 04 OCT BY M/V ALMIRANTE CAMARA IN AREA BOUND BY 03-25S 037-58W, 04-33S 036-43W, 04-46S 036-43W, 04-06S 037-58W. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 2018/02.
3. CANCEL THIS MSG 05 OCT.

(250710Z SEP 2002)

2151/02(24). BRAZIL-SOUTHEAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 290259Z SEP BY M/V CGG HARMATTAN TOWING EIGHT 4500 METER LONG CABLES IN AREA BETWEEN 22-16S 21-58S AND 040-08W 039-48W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 290359Z SEP.

(250715Z SEP 2002)

2152/02(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 290259Z SEP BY M/V CGG ALIZE TOWING EIGHT 7000 METER LONG CABLES IN AREA BETWEEN 26-50S 26-00S AND 044-45W 045-50W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 290359Z SEP.

(250720Z SEP 2002)

2153/02(52,53). STRAIT OF SICILY.

1. SURVEY OPERATIONS 30 SEP THRU 06 OCT BY M/V CABLE INNOVATOR WITHIN 20 MILES OF 37-00N 012-00E. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1797/02(55).
3. CANCEL THIS MSG 07 OCT.

(250920Z SEP 2002)

2154/02. CANCELED.

2155/02(51). NORTH ATLANTIC. MOROCCO. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0700Z TO 2359Z DAILY 25 SEP THRU 31 OCT IN AREA BOUND BY 28-46N 010-48W, 29-18N 011-06W, 29-08N 011-28W, 28-43N 010-57W.
2. CANCEL HYDROLANT 2044/02.
3. CANCEL THIS MSG 010059Z NOV.

(251950Z SEP 2002)

2156/02(GEN). GPS SATELLITE SYSTEM.

PRN 21 UNUSABLE.

(252139Z SEP 2002)

2157/02(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 28 SEP BY M/V BULLDOG TOWING TWO 15 METER LONG CABLES IN AREA BOUND BY 04-35.1S 036-57.4W, 04-35.7S 036-55.4W, 04-43.1S 036-47.4W, 04-43.1S 036-48.6W. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 2154/02.
3. CANCEL THIS MSG 29 SEP.

(260640Z SEP 2002)

SECTION III**NAVAREA XII**

Messages in force 261200Z September 2002:

2001 series	178(GEN)	259(GEN)	268(GEN)	271(19)
298(GEN)	201(19)	260(GEN)	269(21)	272(18)
2002 series	255(GEN)	267(16,17)	270(GEN)	

The summary of all NAVAREA XII messages in force as of 13 December 2001 is given in Section III of NM 52/01. Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

NAVAREA XII WARNINGS issued from 191200Z to 261200Z September 2002.

266/02. CANCELED.

267/02(16,17). NORTH PACIFIC. ALASKA.

1. LORAN-C STATION PORT CLARENCE, RATES 7960-Z AND 9990-Y, OFF AIR 261700Z TO 261900Z SEP.
2. CANCEL THIS MSG 262000Z SEP.

(201625Z SEP 2002)

268/02(GEN).

1. NAVAREA XII MESSAGES IN FORCE 211000Z SEP 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2002 SERIES: 233(GEN), 245(19), 255(GEN), 259(GEN), 260(GEN), 265(18), 267(16,17).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02 AND 26/02.
3. CANCEL NAVAREA XII 262/02.

(211020Z SEP 2002)

269/02(21). EASTERN NORTH PACIFIC.

1. DERELICT 42 FOOT F/V ADRIFT VICINITY 10-41N 097-45W.
2. CANCEL THIS MSG 01 OCT.

(240510Z SEP 2002)

270/02(GEN). GPS SATELLITE SYSTEM.

PRN 21 UNUSABLE.

(252151Z SEP 2002)

271/02(19). NORTH PACIFIC. HAWAII. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2400Z DAILY MONDAY THRU SUNDAY IN THE PACIFIC MISSILE RANGE FACILITY, HAWAIIAN AREA, BARKING SANDS, KAUAI. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1600Z TO 0400Z DAILY MONDAY THRU FRIDAY. THE PACIFIC MISSILE RANGE FACILITY HAWAIIAN AREA (W188) IS BOUND BY:
 - A. 22-00.0N 159-51.0W.
 - B. 22-00.0N 160-00.0W THENCE CCW THREE MILES FROM
 - C. 22-02.7N 160-09.1W. NIIHAU/LEHUA.
 - D. 22-03.0N 160-21.0W.
 - E. 22-05.0N 161-35.0W THENCE CW 100 MILES FROM
 - F. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - G. 22-45.0N 161-25.0W.
 - H. 22-56.0N 161-49.0W THENCE CW 125 MILES FROM
 - I. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - J. 23-57.0N 160-41.0W.
 - K. 25-41.0N 161-36.0W THENCE CW 240 MILES FROM
 - L. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
 - M. 25-47.0N 158-15.0W.
 - N. 23-54.0N 158-15.0W.
 - O. 22-20.0N 159-09.0W THENCE CCW 25 MILES FROM
 - P. 21-58.1N 159-20.5W. LIHUE VORTAC.
 - Q. 22-13.0N 159-42.0W THENCE CCW THREE MILES AND PARALLEL TO THE SHORELINE OF KAUAI.
 - R. 22-00.0N 159-51.0W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT "MISSILE RANGE BARKING SANDS" ON 2182 KHZ, 4491 USB OR 156.8 MHZ (CHANNEL 16) BEFORE ENTERING THE ABOVE BOUNDARIES. IF UNABLE TO CONTACT THE PACIFIC MISSILE RANGE FACILITY PRIOR TO ENTERING OR WHILE IN THE WARNING AREA, RELAY MESSAGES THROUGH U.S. COAST GUARD HONOLULU.
3. VESSELS INBOUND AND OUTBOUND FOR HAWAIIAN PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS AS WELL AS ENHANCE THE VESSEL'S SAFETY BY PASSING SOUTH OF THE ISLANDS OF KAUAI AND NIIHAU DURING SPECIFIED TIMES.
4. CANCEL NAVAREA XII 245/02.

(260910Z SEP 2002)

SECTION III

272/02(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:

A. 34-02N 119-04W. M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL

B. 33-52N 119-06W. TO THE SHORELINE.

C. 33-29N 119-07W. N. 34-24N 120-30W.

D. 33-29N 118-37W. O. 34-08N 120-26W.

E. 33-20N 118-37W. P. 34-08N 119-40W.

F. 32-11N 120-16W. Q. 34-00N 119-40W.

G. 31-54N 121-35W. R. 34-06N 119-13W.

H. 35-09N 123-39W. S. 34-06N 119-11W.

I. 35-29N 123-00W. T. 34-07N 119-10W.

J. 35-04N 122-43W. U. 34-07N 119-07W.

K. 35-57N 121-32W. V. 34-04N 119-04W.

L. 34-59N 120-42W.

2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.

3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.

4. CANCEL NAVAREA XII 265/02.

(260920Z SEP 2002)

SECTION III

NM 41/02

HYDROPACS

Messages in force 261200Z September 2002:

2000 series	352(73)	1507(61)	1579(96,97)	1666(81)	1728(94,97)
597(73)	403(72,73)	1508(63)	1587(19,97)	1668(81,92)	1729(94)
1557(94)	412(62)	1509(83)	1588(75)	1669(97)	1732(97)
2001 series	495(62)	1513(76)	1592(81)	1670(83)	1733(61,63)
114(74)	496(75)	1515(62)	1606(73,74)	1675(93)	1734(94,97)
117(73,74)	637(75)	1516(63)	1607(93)	1677(74)	1735(72)
182(74)	753(62)	1528(94,97)	1618(61)	1685(81)	1738(97)
725(74)	787(71)	1533(81,97)	1621(81,97)	1695(71,93)	1746(63)
1556(71)	828(62)	1537(22)	1624(96)	1696(97)	1747(63)
1636(96)	882(62)	1548(GEN)	1629(GEN)	1699(92)	1749(81)
1647(GEN)	1078(72)	1550(94)	1635(62)	1703(19)	1750(71)
1929(76)	1147(92)	1555(94)	1639(81)	1712(62)	1751(81)
1976(62)	1249(22)	1559(71)	1641(62)	1714(94)	1752(91,92)
2062(61)	1315(62)	1563(94,95)	1642(81)	1716(61)	1753(94,95)
2002 series	1336(62)	1564(94,95)	1643(81,97)	1718(94,97)	1754(94,97)
146(62)	1468(22)	1565(94,95)	1645(94,97)	1722(63)	1757(GEN)
196(61)	1472(81)	1567(95)	1646(81)	1723(81,91,97)	1759(82)
205(GEN)	1473(95,96)	1576(95)	1651(63)	1724(81,92)	1760(75)
206(GEN)	1477(95)	1577(95)	1658(GEN)	1726(61)	1761(63)
207(93)	1496(95,97)	1578(61,63)	1661(GEN)	1727(GEN)	

The summary of all HYDROPACS in force as of 13 December 2001 is given in Section III of NM 52/01.
Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

HYDROPAC WARNINGS issued from 191200Z to 261200Z September 2002.

1712/02(62). PERSIAN GULF.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V GEO MARINER TOWING 2.5 MILE LONG CABLE
IN AREA BOUND BY 27-16N 051-23E, 27-09N 051-38E,
27-20N 051-25E, 27-38N 051-45E,
27-54N 051-25E, 27-44N 051-14E.
FOUR MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 1674/02.

(191445Z SEP 2002)

1713/02. CANCELED.

1714/02(94). FORMOSA STRAIT.

DISTRESS SIGNAL RECEIVED ON 121.5 AND 243 MHZ IN 23-45.2N 119-41.0E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO PAC RCC, TELEX: 392401,
PHONE: 808 531 1112, FAX: 808 541 2123.

(200150Z SEP 2002)

1715/02. CANCELED.

1716/02(61). INDIAN OCEAN. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS IN PROGRESS
UNTIL 302359Z SEP IN AREA BETWEEN
09-00S 13-00S AND 070-00E 073-00E.
2. CANCEL HYDROPAC 1715/02(73,74), VESSEL ASSISTED.
3. CANCEL THIS MSG 010059Z OCT.

(200550Z SEP 2002)

1717/02. CANCELED.

1718/02(94,97). EAST CHINA SEA. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 240001Z TO 241000Z SEP,
ALTERNATE 270001Z TO 271000Z SEP IN AREA BOUND BY
27-23N 124-44E, 27-02N 125-08E, 26-37N 124-40E,
26-58N 124-16EE.
2. CANCEL THIS MSG 271100Z SEP.

(200650Z SEP 2002)

1719/02 thru 1721/02. CANCELED.

SECTION III

1722/02(63). INDIA-WEST COAST.
 CHART 63070 (3RD ED).
 RADIOBEACON AT PORBANDAR LIGHT 21-37.3N 069-37.2E OFF AIR.

(201345Z SEP 2002)

- 1723/02(81,91,97). NORTH PACIFIC.
1. SURVEY OPERATIONS IN PROGRESS UNTIL 31 OCT BY M/V POLAR DUKE TOWING 6000 METER LONG CABLE IN AREA BOUND BY
 26-23-00N 128-37-00E, 29-55-09N 132-15-59E,
 27-53-32N 133-18-46E, 24-50-13N 135-14-04E,
 22-31-49N 135-26-41E, 21-24-17N 128-30-24E.
 2. CANCEL HYDROPAC 1640/02.
 3. CANCEL THIS MSG 01 NOV.

(201355Z SEP 2002)

1724/02(81,92). NORTH PACIFIC.
 DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 12-03.1N 130-06.5E
 AT 200340Z SEP. VESSELS IN VICINITY REQUESTED
 TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO RCC GUAM, TELEX: 392401.

(201425Z SEP 2002)

1725/02. CANCELED.

- 1726/02(61). INDIAN OCEAN.
1. CONTAINER ADRIFT VICINITY 05-37.7S 078-47.6E
 AT 201212Z SEP.
 2. CANCEL THIS MSG 27 SEP.

(210127Z SEP 2002)

- 1727/02(GEN).
1. HYDROPAC MESSAGES IN FORCE 211000Z SEP 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
 2002 SERIES: 1467(GEN), 1468(22), 1472(81), 1473(95,96),
 1477(95), 1496(95,97), 1507(61), 1508(63), 1509(83),
 1513(76), 1515(62), 1516(63), 1523(74,75), 1525(63,71),
 1528(94,97), 1533(81,97), 1537(22), 1548(GEN), 1550(94),
 1555(94), 1559(71), 1563(94,95), 1564(94,95), 1565(94,95),
 1567(95), 1576(95), 1577(95), 1578(61,63), 1579(96,97),
 1587(19,97), 1588(75), 1592(81), 1606(73,74), 1607(93),
 1618(61), 1621(81,97), 1624(96), 1629(GEN), 1635(62),
 1639(81), 1641(62), 1642(81), 1643(81,97), 1645(94,97),
 1646(81), 1651(63), 1652(63), 1655(62), 1658(GEN), 1660(63),
 1661(GEN), 1666(81), 1668(81,92), 1669(97), 1670(83),
 1675(93), 1677(74), 1685(81), 1695(71,93), 1696(97), 1699(92),
 1700(22), 1701(22), 1703(19), 1704(GEN), 1707(63), 1708(75),
 1709(73), 1712(62), 1713(96), 1714(94), 1716(61), 1718(94,97),
 1722(63), 1723(81,91,97), 1724(81,92), 1725(74,75), 1726(61).
 2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02 AND 26/02.
 3. CANCEL HYDROPAC 144/00, 1513/01, 1687/01, 2078/01,
 2105/01, 970/02, 1433/02, 1435/02, 1439/02, 1441/02,
 1447/02, 1671/02, 1705/02, 1706/02, 1717/02, 1721/02.

(211120Z SEP 2002)

- 1728/02(94,97). EAST CHINA SEA. ORDNANCE.
1. UNDERWATER ORDNANCE DETONATIONS 250001Z TO 251000Z SEP, ALTERNATE 270001Z TO 271000Z SEP IN AREA BOUND BY
 29-58N 126-42E, 29-46N 127-14E, 29-11N 127-03E,
 29-24N 126-31E.
 2. CANCEL THIS MSG 271100Z SEP.

(211140Z SEP 2002)

- 1729/02(94). FORMOSA STRAIT.
 DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM VESSEL BIMA IN 24-40.0N 119-57.8E. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO PAC RCC, TELEX: 392401, PHONE: 808 531 1112, FAX: 808 541 2123.

(211446Z SEP 2002)

1730/02 and 1731/02. CANCELED.

- 1732/02(97). NORTH PACIFIC.
 MAN OVERBOARD FROM F/V MATSU MARU VICINITY 37-25N 159-46E AT 211000Z SEP. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(211850Z SEP 2002)

SECTION III

NM 41/02

1733/02(61,63). INDIAN OCEAN. SEYCHELLES.

28 FOOT F/V TAROSA, WHITE AND YELLOW HULL, THREE PERSONS ON BOARD, OVERDUE MAHE AND RETURN. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO SEYCHELLES RADIO, PHONE: 248 224 411.

(212310Z SEP 2002)

1734/02(94,97). PHILIPPINE SEA.

1. SUBMARINE CABLE OPERATIONS IN PROGRESS UNTIL 11 OCT BY CABLESHIP ASEAN RESTORER VICINITY 23-10N 123-06E.
2. CANCEL HYDROPAC 1248/02.
3. CANCEL THIS MSG 12 OCT.

(220030Z SEP 2002)

1735/02(72). MAKASSAR STRAIT.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V VERITAS SEARCHER TOWING FOUR MILE LONG CABLES IN AREA BETWEEN 00-45S 03-05S AND 117-50E 119-20E.

(220159Z SEP 2002)

1736/02 and 1737/02. CANCELED.

1738/02(97). NORTH PACIFIC.

SIX METER VESSEL MIZUNAKI, WHITE HULL, ONE PERSON ON BOARD, OVERDUE FROM FUTAMI KO (27-05N 142-12E). VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(221240Z SEP 2002)

1739/02 thru 1745/02. CANCELED.

1746/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 24 AND 27 SEP IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E, 09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 271630Z SEP.

(240520Z SEP 2002)

1747/02(63). INDIA-SOUTHWEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1530Z DAILY 25 AND 26 SEP WITHIN 75 MILES OF 08-31.9N 076-52.1E.
2. CANCEL HYDROPAC 1745/02(74), VESSEL ASSISTED.
3. CANCEL THIS MSG 261630Z SEP.

(240540Z SEP 2002)

1748/02. CANCELED.

1749/02(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 08-36.4N 134-31.6E AT 24055Z SEP. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC GUAM, TELEX: 392401, PHONE: 671 339 6100, FAX: 671 339 6210.

(240810Z SEP 2002)

1750/02(71). SOUTH CHINA SEA.

DISTRESS SIGNAL RECEIVED FROM VESSEL PRIDE VICINITY 02-24N 107-30E AT 240129Z SEP. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO SINGAPORE PORT OPERATIONS CONTROL CENTER, TELEX: 8720021, PHONE: 656 226 5539, FAX: 656 227 9971.

(241020Z SEP 2002)

1751/02(81). NORTH PACIFIC.

1. DISTRESS SIGNAL RECEIVED ON 121.5 MHZ VICINITY 08-43.1N 132-30.5E AT 241036Z SEP. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC GUAM, TELEX: 392401.
2. CANCEL HYDROPAC 1741/02(63), VESSEL ASSISTED.

(241237Z SEP 2002)

1752/02(91,92). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ VICINITY 12-58.2N 125-05.7E. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO PAC RCC, TELEX: 392401, PHONE: 808 531 1112, FAX: 808 541 2123.

(241547Z SEP 2002)

NM 41/02

SECTION III

1753/02(94,95). YELLOW SEA. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 270001Z TO 271000Z SEP
IN AREA BOUND BY 35-55N 124-18E,
35-55N 124-56E, 35-40N 124-56E,
35-20N 124-37E, 35-20N 124-18E.
2. CANCEL THIS MSG 271100Z SEP.

(251040Z SEP 2002)

1754/02(94,97). EAST CHINA SEA. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 260001Z TO 261000Z SEP,
ALTERNATE 270001Z TO 271000Z SEP IN AREA BOUND BY
27-23N 124-44E, 27-02N 125-08E,
26-37N 124-40E, 26-58N 124-16E.
2. CANCEL THIS MSG 271100Z SEP.

(251050Z SEP 2002)

1755/02 and 1756/02. CANCELED.

1757/02(GEN). GPS SATELLITE SYSTEM.

PRN 21 UNUSABLE.

(252159Z SEP 2002)

1758/02. CANCELED.

1759/02(82). SOLOMON ISLANDS.

THREE CANOES, 11 PERSONS ON BOARD, OVERDUE NUKAPU ISLAND
(10-45S 166-02E) TO NUPANI ISLAND (10-03S 165-43E).
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC AUSTRALIA,
PHONE: 612 6230 6811.

(260251Z SEP 2002)

1760/02(75). AUSTRALIA-SOUTHEAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
M/V GECO BETA TOWING EIGHT 3 MILE LONG CABLES IN
AREA BOUND BY 38-52S 146-32E, 39-06S 146-31E,
38-28S 148-45E, 37-50S 148-13E.
2. CANCEL HYDROPAC 1736/02.

(261110Z SEP 2002)

1761/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1230Z DAILY 01 THRU 07 OCT
IN AREA BETWEEN 15-13N 15-11N AND 073-57E 073-52E.
2. CANCEL THIS MSG 071330Z OCT.

(261120Z SEP 2002)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/02 for those in-force as of 19 December 2001, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 26 September 2002: 00-7, 01-1, 01-5, 01-6, 01-7, 02-2, 02-5 and 02-6.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/02 for those in-force as of 19 December 2001.

SPECIAL WARNINGS in force 26 September 2002: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119 and 120.

MARINE INFORMATION**NEW EDITION OF SUMMARY OF CORRECTIONS**

Summary of Corrections for the World and Ocean Basin Charts, U.S. Coast Pilots, Sailing Directions and other publications, Volume 5, 2002 Edition, is ready for issue.

This edition contains corrections for charts and publications published in Notice to Mariners through No. 28 (13 July 2002). Previously published corrections are included as applicable in the announcement of a new edition. Otherwise, corrections to prior editions are not included.

Note: This summary supersedes previous Volume 5 Summaries.

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NIMA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NIMA's products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NIMA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address

Date of Observation _____ Time of Observation (Local)_____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

Latest correction applied: N.M. _____

Sounding sensor or method used _____ Sounding(s) corrected for draft. Yes No

Sounding sensor or method used _____ Sounding(s) corrected for draft: Yes No

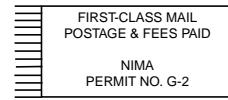
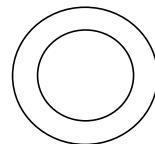
Details of Information Reported (continue on additional sheets as necessary) _____

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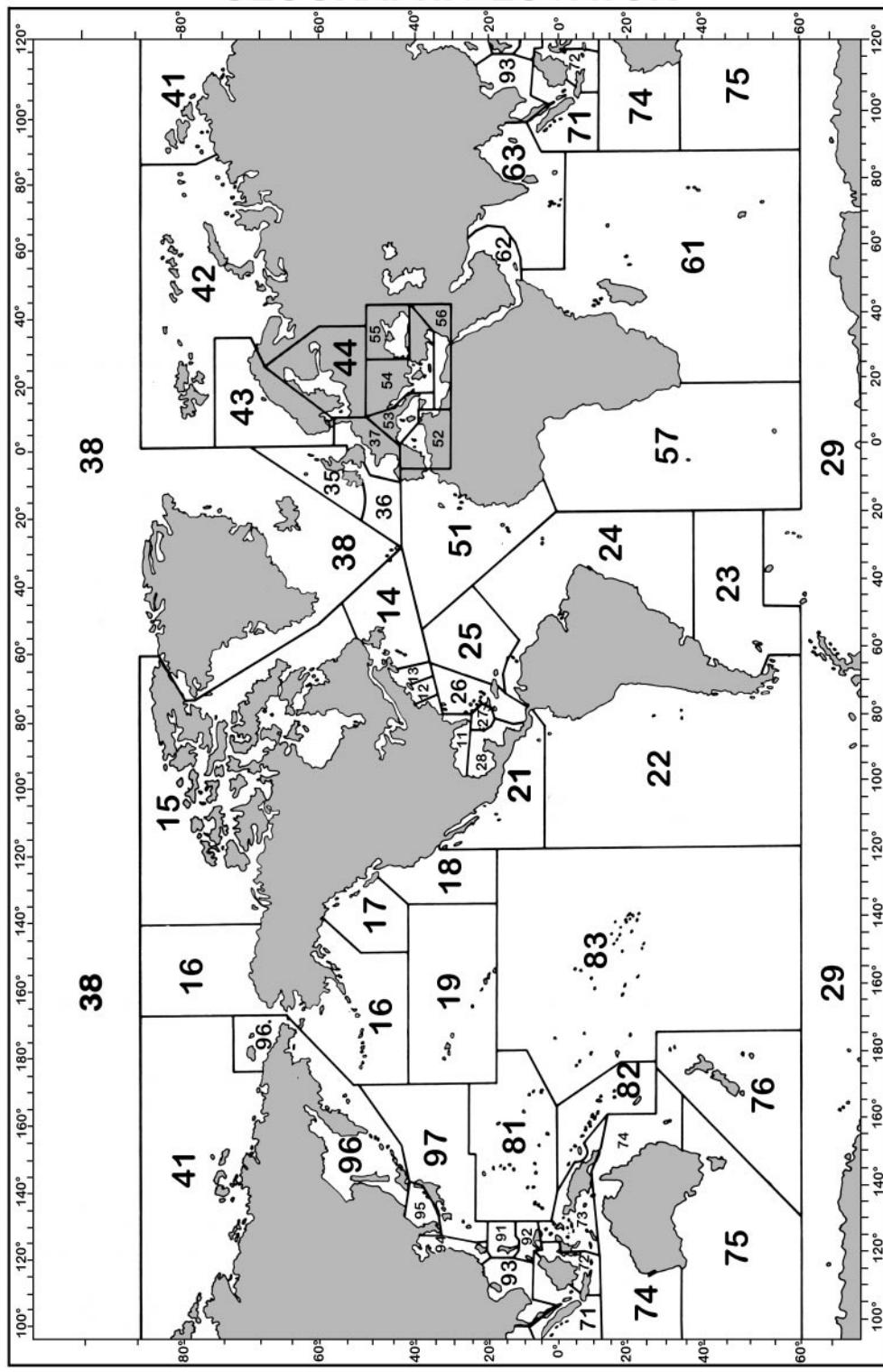
User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Sub-region number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

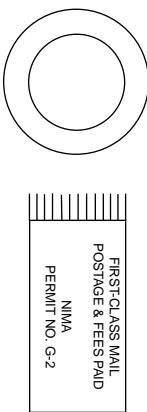
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**IMPORTANT
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TIME-DATED**



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY